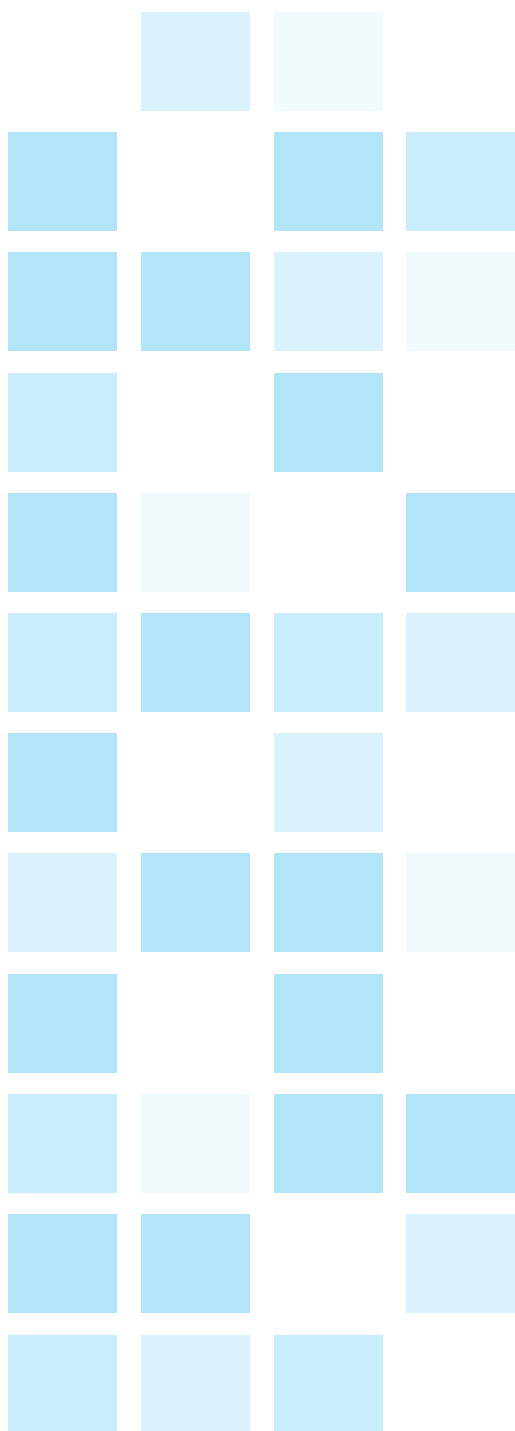
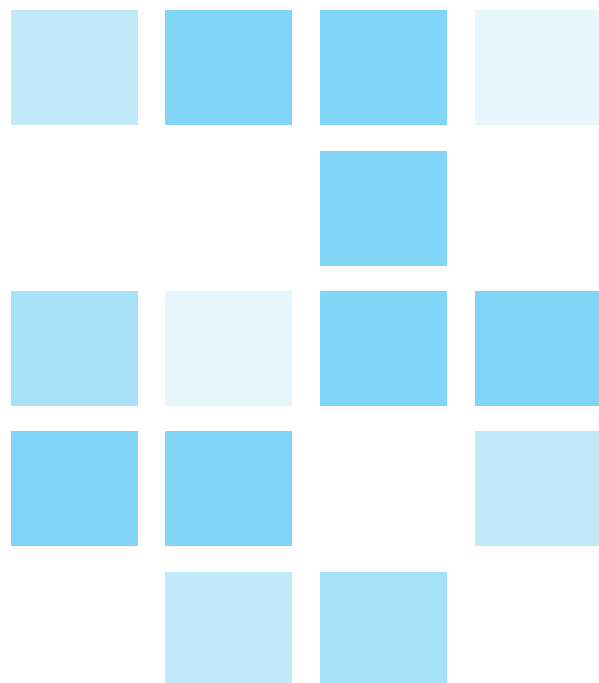




autoCast

User Manual

COPYRIGHT

Copyright ©2011 Compix Media Incorporated. All rights reserved.

Compix Media, Inc., 26 Edelman, Irvine, CA 92618, U.S.A.

No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the express permission of Compix Media Incorporated.

Compix Media is a registered trademark of Compix Media Incorporated. AutoCast, GenCG, and the AutoCast logo are trademarks of Compix Media Incorporated. All other company and product names are trademarks of their respective owners.

Compix Media Incorporated

Software License Agreement

IMPORTANT: PLEASE READ THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT CAREFULLY BEFORE USING THE SOFTWARE. COMPIX MEDIA INCORPORATED IS WILLING TO LICENSE THE SOFTWARE TO YOU AS THE INDIVIDUAL, THE COMPANY, OR THE LEGAL ENTITY THAT WILL BE UTILIZING THE SOFTWARE ONLY ON THE CONDITION THAT YOU ACCEPT ALL OF THE TERMS OF THIS LICENSE AGREEMENT. THIS IS A LEGAL AND ENFORCEABLE CONTRACT BETWEEN YOU AND COMPIX MEDIA INCORPORATED. BY OPENING THIS PACKAGE, BREAKING THE SEAL, OR OTHERWISE INDICATING ACCEPTANCE ELECTRONICALLY, OR LOADING THE SOFTWARE, YOU AGREE TO THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO THESE TERMS AND CONDITIONS, COMPIX MEDIA INCORPORATED IS UNWILLING TO LICENSE THE SOFTWARE TO YOU, AND YOU SHOULD NOT UNSEAL THE DISK PACKAGE OR MAKE NO FURTHER USE OF THE SOFTWARE.

1. Definitions.

(A) "Software" means the software program covered by this agreement, and all related updates supplied by Compix Media Incorporated.

(B) "Compix Product" means the Compix Software and any related documentation, models, and multimedia content (such as animation, sound, and graphics), and all related updates supplied by Compix Media Incorporated.

(C) "End-User Product" means the output file generated by you, if any, using the Compix Software. Examples of end-user products include animations, presentations, interactive multimedia material, interactive entertainment products, and the like.

2. License.

The Software and documentation that accompanies this license is the property of Compix Media Incorporated, or its licensors, and is protected by copyright law. While Compix Media Incorporated continues to own the Software, you will have certain rights to use the Software after your acceptance of this license.

The foregoing license gives you limited rights to use the Compix Product. You do not become the owner of, and Compix Media Incorporated retains title to, the Compix Product, and all copies thereof. All rights not specifically granted in this agreement, including federal and international copyrights, are reserved by Compix Media Incorporated.

Some states do not allow the exclusion of implied warranties, so the above exclusion may not apply to you. You may also have other legal rights which vary from state to state.

These limitations or exclusions of warranties and liability do not affect or prejudice the statutory rights of a consumer; i.e., a person acquiring goods otherwise than in the course of a business.

This agreement allows you to:

(A) Use the Software on the hard disk drive of any single compatible computer that you own. This License does not allow the Software to exist on more than one computer at a time, and you may not make the Software available over a network where it could be used by multiple computers at the same time. If you wish to use the Software on more than one computer, you must either erase the Software from the first hard drive before you install it onto a second hard drive, or else License an additional copy of the Software for each additional computer on which you want to use it.

(B) Make one backup copy of the Software, provided your backup copy is not installed or used on any computer and further provided that all such copies shall bear the original and unmodified copyright, patent, and other intellectual property markings that appear on or in the Software. You may not transfer the rights to a backup copy unless you transfer all rights in the Software as provided under Section A.

(C) Make copies of the End-User Product and distribute those copies for use by others.

3. Restrictions.

You may not, without written permission from Compix Media Incorporated: rent, lease, lend, redistribute, or sublicense the Software or any copy; use, copy, modify, merge, or transfer copies of the Software or documentation except as provided in this Agreement; use any backup copy of the Software for any purpose other than to replace the original copy in the event it is destroyed or becomes defective; or decompile, reverse engineer, disassemble, modify, or create derivative works of the Software or any part thereof.

Your rights under this License will terminate automatically without notice from Compix Media Incorporated if you fail to comply with term(s) of this License. Licensee also may terminate this License voluntarily by giving notice of termination to Compix Media Incorporated and destroying or returning to Compix Media Incorporated all copies of all or any part of the Software and related user documentation in Licenses' possession or under Licensee's control.

4. Limited Warranty.

Compix Media Incorporated warrants the media on which the Software is recorded and the hardware delivered by Compix Media Incorporated to be free from defects in materials and workmanship under normal use for a period of one (1) year from the date of original retail purchase. Your exclusive remedy under this Section shall be, at Compix Media Incorporated's option, a refund of the purchase price of the Software or replacement of the Software which is returned to Compix Media Incorporated with a copy of the receipt. In compliance with this Agreement, Compix Media Incorporated will replace a damaged or defective interlock security device (dongle) no matter what the cause of the damage for a period of one (1) year from the date of purchase. In order to receive a replacement device, you must return the damaged device to Compix Media Incorporated, 26 Edelman, Irvine, CA 92618, U.S.A.

5. Lifetime Warranty on Software.

Compix Media Incorporated warrants only to the original purchaser of the Software that the Software will be free from defects in material and workmanship under normal use and service. All Software updates are free of charge for the lifetime of the Software. The Software and documentation are provided on an "As Is" basis and Compix Media Incorporated does not warrant that the Software will satisfy all your requirements or that operation of the Software will be uninterrupted or that the Software will be free from defects.

6. Limitation of Liability.

Compix Media Incorporated shall not be liable for any indirect, special, incidental, or consequential damages or loss (including damages for loss of business, loss of profits, or the like), whether based on break of contract, tort (including negligence), product liability, or otherwise, even if Compix Media Incorporated or its representatives have been advised of the possibility of such damages. Some states do not allow the limitation or exclusion of liability for incidental or consequential damages, so this limitation or exclusion may not apply to you.

The exclusive remedies and limited liability set forth above are fundamental elements of the basis of the bargain between Compix Media Incorporated and you. You agree that Compix Media Incorporated would not be able to provide the Software on an economic basis without such limitations.

7. General.

This agreement shall be governed by the internal laws of the state of California. This agreement contains the complete agreement between the parties with respect to the subject matter hereof, and supersedes all prior or contemporaneous agreements or understandings, whether oral or written.

All questions concerning this agreement shall be directed to:

Compix Media, Inc., 26 Edelman, Irvine, CA 92618, U.S.A.

Contents

Chapter 1. Getting Started

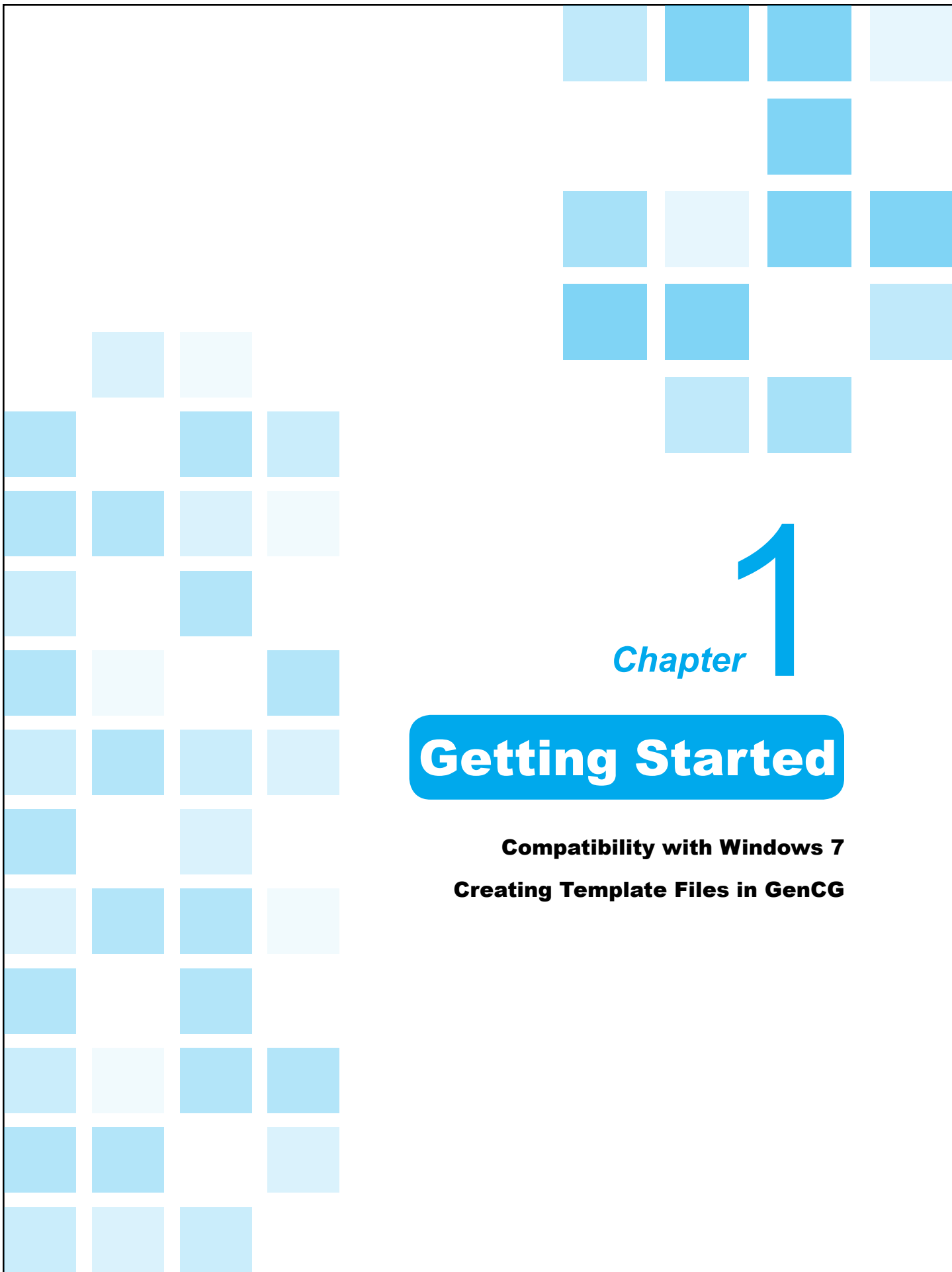
Chapter 2. Basic Operations

Chapter 3. Importing Data

Compatibility with Windows 7	10
Compatibility with Windows 7	10
Creating Template Files in GenCG.....	12
Static Templates.....	12
Crawl Templates.....	13
Roll Templates.....	14

AutoCast User Interface.....	16
Board Configuration.....	16
Primary Screen.....	16
Template List.....	17
Play Item Edit Window.....	17
Play List.....	20
Playback Controls.....	21
Toolbar Icon Descriptions	24
Toolbar Icon Descriptions.....	24
Menu Options.....	25
View Menu.....	25
Tools Menu.....	26
Help Menu	27
On-Air Shortcuts.....	28
Keypad Shortcuts	28

Text Files	30
Prepare the Text File	30
MultiData Function.....	31
Watch Function.....	32
Crawls.....	33
Microsoft Excel Files.....	34
Prepare the Microsoft Excel File.....	34
MultiData Function.....	34
Watch Function.....	34
XML	35
Prepare the XML File.....	35
Watch Function.....	36
Web Sites	38
Prepare the Web Site Query.....	38
Watch Function.....	39
Crawls.....	40
Rolls.....	41
Multi-Page.....	43
Databases.....	44
Prepare the Database.....	44
Watch Function.....	45
Crawls.....	46
RSS	46
Crawls.....	46
Sports Interface	48
Watch Function.....	48
Image and Animation Objects	49
Update Manually.....	49
Update Using Text Files	49
Update Using Microsoft Excel Files.....	49
Update Using XML.....	50
Update Using Databases.....	50
Update Using Sports Interface.....	50
Shortcut List	51
Shortcut List.....	51



Chapter 1

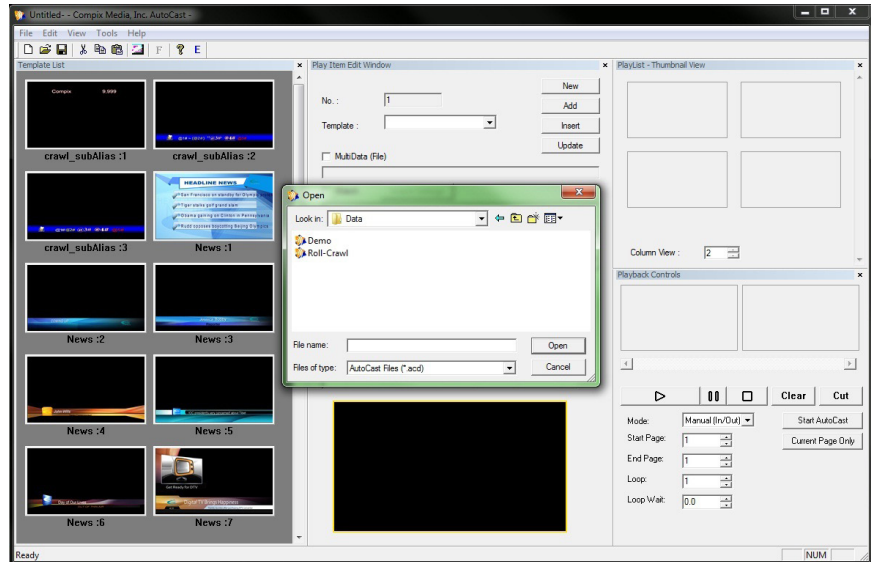
Getting Started

Compatibility with Windows 7
Creating Template Files in GenCG

Compatibility with Windows 7

Compatibility with Windows 7

AutoCast is now compatible with Windows 7. The default folders for opening and saving files have been updated to fit the Windows 7 requirements.



Tip

Please Note:

Only new Compix systems have Windows 7 installed. Any existing Windows XP systems purchased from Compix will not support user upgrades to Windows 7. If a customer upgrades from Windows XP to Windows 7, the Compix warranty will be voided and Compix Media will not support the user upgrade.

Security Settings

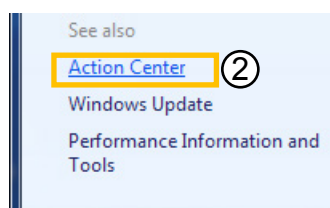
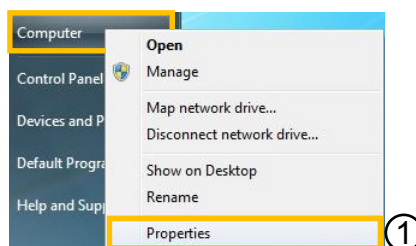
Two security settings need to be in place for AutoCast 3.1 to work smoothly in Windows 7.

1. Windows 7 must be running in Administrator Mode

The Administrator Mode is the default mode in which Windows 7 runs until new user accounts are created. Running AutoCast 3.1 in Administrator Mode helps with security parameters that Windows 7 has created.

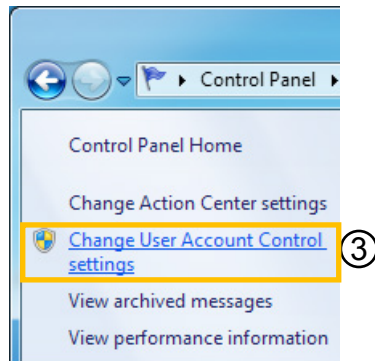
2. The User Access Controls (UAC) must be set to the lowest level

Setting the UAC to the lowest level also combats the security parameters of Windows 7.



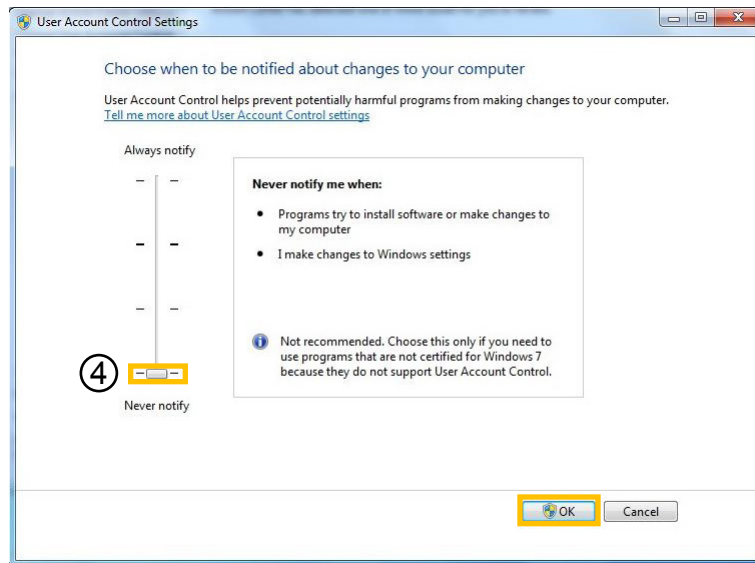
① To do this, click on the windows icon at the bottom left corner of the screen and right-click on [Computer], then click on [Properties].

② Click on [Action Center] in the lower left.



③ Click on [Change User Access Control Settings] in the upper left.

④ This opens another window with a vertical sliding bar. Move this bar to the lowest setting, [Never Notify], to stop security notification pop-ups. Click [OK] when done.



Creating Template Files in GenCG

Before operating AutoCast 3.1, a library of template files should be prepared ahead of time. These templates contain the desired color, font, and other attributes which will be brought to air.

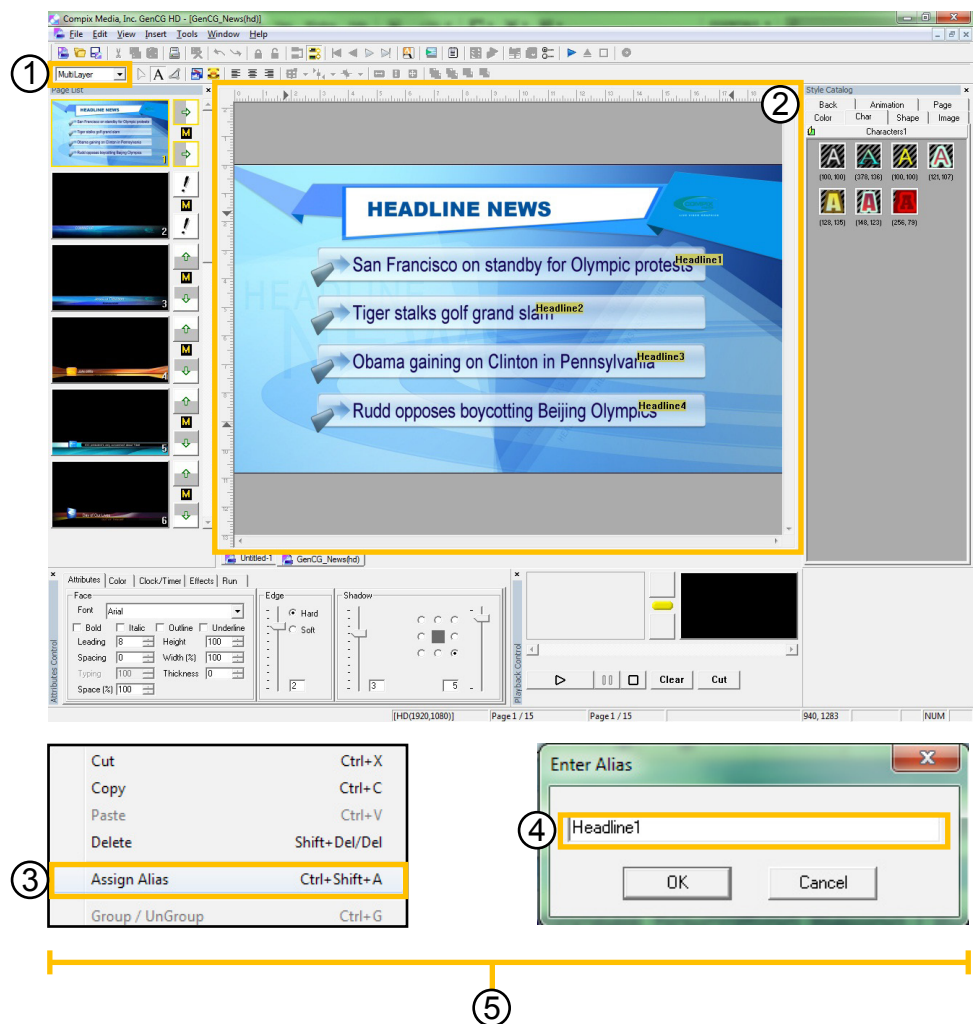
Static Templates

Template files allow the user to choose the appropriate custom graphics. Certain objects are specified to accept text or image files by assigning a name or Alias. Template files for AutoCast 3.1 are created in GenCG.

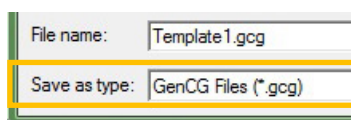


Tip

It is recommended that alias objects have names that easily identify their purpose. For example, a lower third template that is intended to display a reporter name and location should have two text fields. The aliases for these text objects could be "Reporter Name" and "Location".



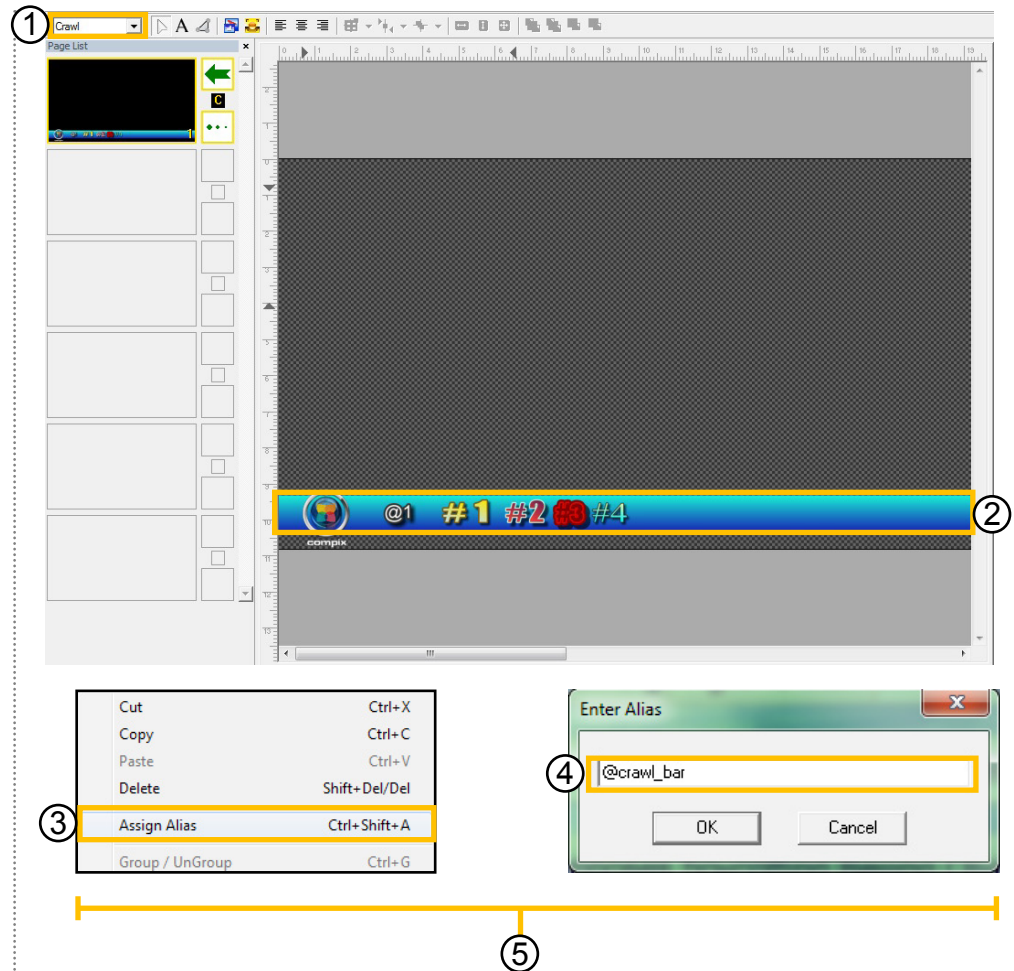
- ① Open a new project in GenCG and set the first page to [Still] or [MultiLayer] in the Page Mode drop down menu.
- ② Create the graphic with the appropriate objects.
- ③ Right click a text, image, or animation object to be replaced within AutoCast, then click on [Assign Alias].
- ④ Type a name for the object's alias in the [Enter Alias] window and click [OK].
- ⑤ Repeat steps 3 to 4 for all desired objects to be replaced within AutoCast.
- ⑥ Once finished, save this template as a *.gcg file into one of the folders below.



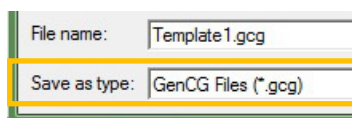
Windows XP: C:\Program Files\Compix\AutoCast\Template
 Windows 7: C:\Users\UserName\Documents\Compix\AutoCast\Templates

Crawl Templates

AutoCast can also handle crawling templates in the same way as the Static Templates.



- ① Open a new project in GenCG and set the first page to [Crawl] in the Page Mode drop down menu.
- ② Create the graphic with the appropriate objects.
- ③ Right click the text, image, or animation object to be replaced within AutoCast, then click on [Assign Alias].
- ④ Type in one of these alias names in the [EnterAlias] window as appropriate:
 @crawl_bar
 @crawl_image
 @crawl_data
 and click [OK].
- ⑤ Repeat steps 3 to 4 for all desired objects to be replaced within AutoCast.



- ⑥ Once finished, save this template as a *.gcg file into one of the folders below.

Windows XP: C:\Program Files\Compix\AutoCast\Template
 Windows 7: C:\Users\UserName\Documents\Compix\AutoCast\Templates

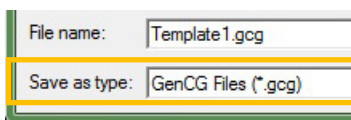
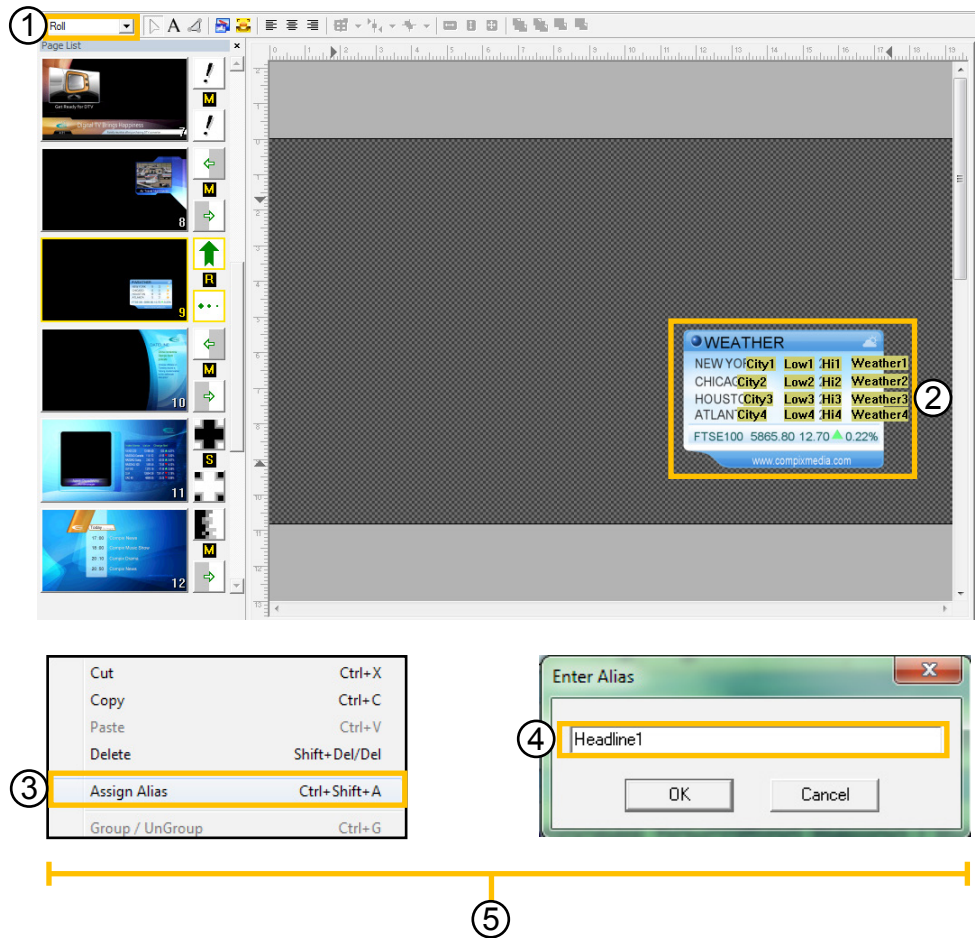
Roll Templates

Templates for rolling text can be made in the same way as the Static Templates.



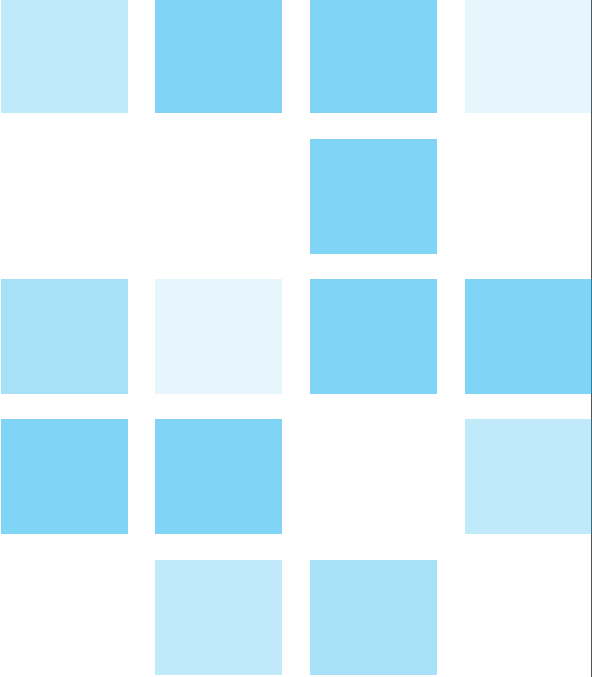
Tip

NOTE: When fulfilling templates using AutoCast, Roll templates should be treated as still pages. Follow the steps in the respective MultiData Function or Watch Function sections as appropriate.

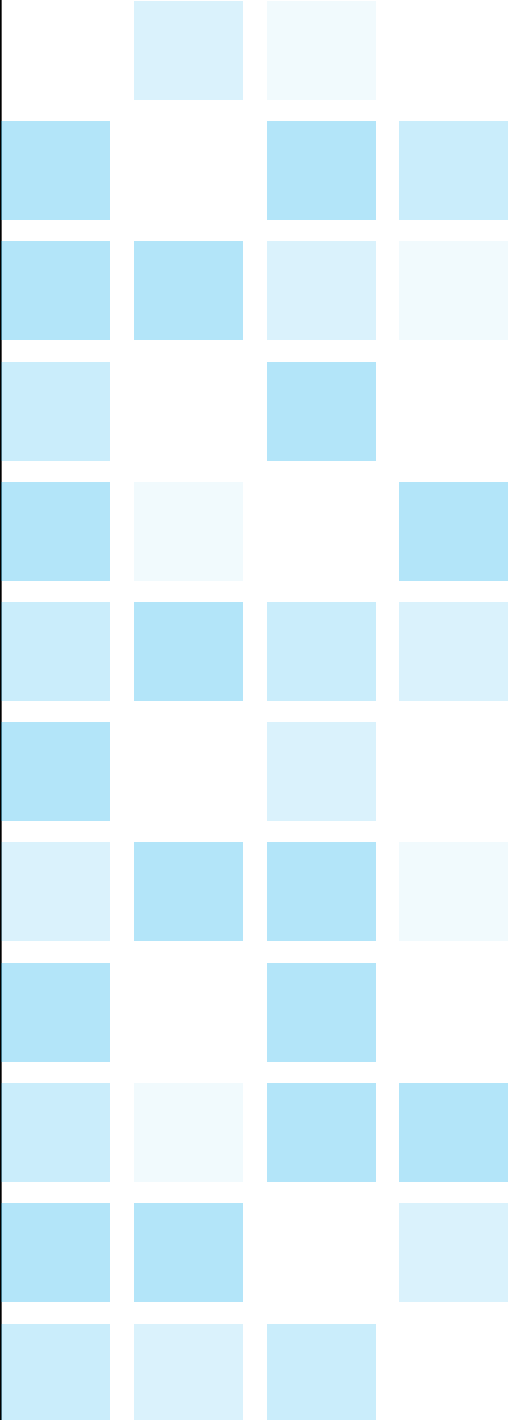


- ① Open a new project in GenCG and set the first page to [Roll] in the Page Mode drop down menu.
- ② Create the graphic with the appropriate objects.
- ③ Right click the text, image, or animation object to be replaced within AutoCast, then click on [Assign Alias].
- ④ Type a name for the object's alias in the [Enter Alias] window and click [OK].
- ⑤ Repeat steps 3 to 4 for all desired objects to be replaced within AutoCast.
- ⑥ Once finished, save this template as a *.gcg file into one of the folders below.

Windows XP: C:\Program Files\Compix\AutoCast\Template
 Windows 7: C:\Users\UserName\Documents\Compix\AutoCast\Templates



Chapter 2



Basic Operations

AutoCast User Interface

Toolbar Icon Descriptions

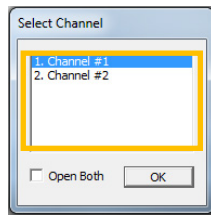
Menu Options

On-Air Shortcuts

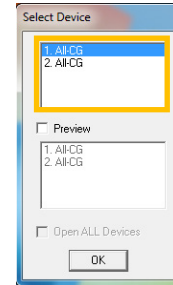
AutoCast User Interface

Board Configuration

When starting AutoCast, if the system has two video output boards and no Compix application is running, a window will pop up like the one to the right. Since the configuration of each channel is hardware specific, selecting the right channel to open AutoCast in is imperative.



If you would like AutoCast opened on both channels, select the Open Both checkbox before pressing OK. AutoCast will open on both channels allowing for immediate interaction.

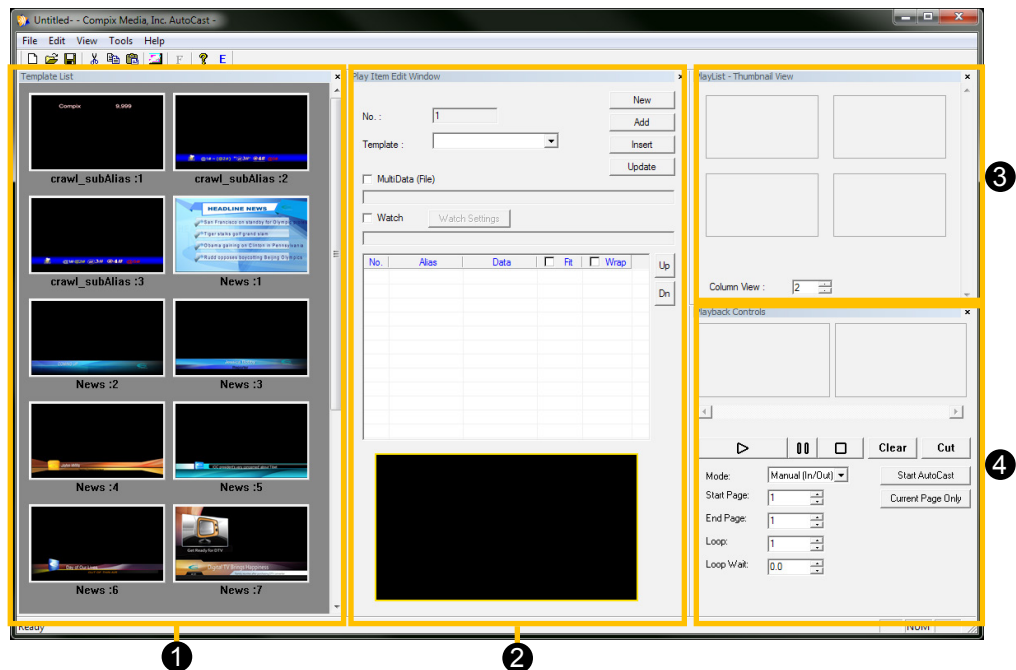


If you do not receive a Select Channel option when opening AutoCast on a two channel Compix system, then one channel is already occupied by a Compix software.

Primary Screen

The picture shown to the right is the user interface of AutoCast.

The user interface is the most essential part of AutoCast and it is important to learn the terms and functions thoroughly.



1 Template List: This list displays templates created within GenCG for use by AutoCast.

2 Play Item Edit Window: Add data to the selected template using one of many data import methods.

3 Playlist: Consists of all added pages in sequence. Each page consists of a template and its corresponding data.

4 Playback Controls: Controls for bringing pages on-air. Either cut pages quickly in and out or play through the page sequence.

Template List

The Template List displays all templates as thumbnails. The window can be resized by clicking and dragging the border on the right or it can be completely eliminated by clicking on the **x** button at the top right.



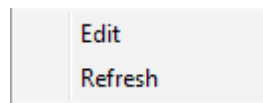
Tip

Any window within AutoCast can be resized, repositioned, or removed.



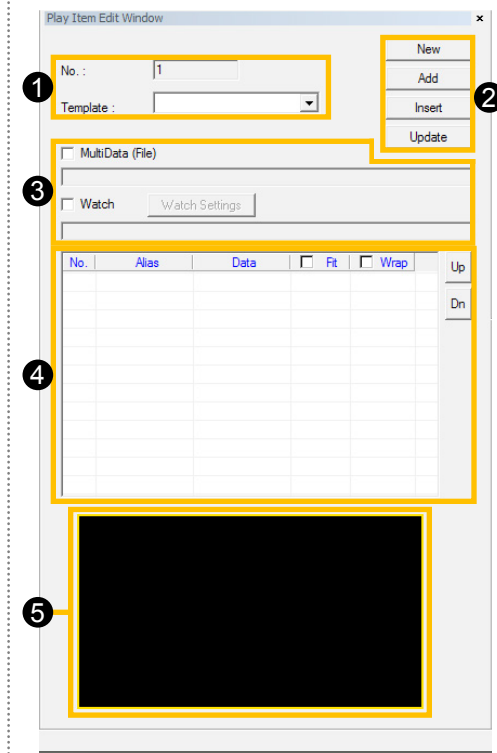
Right Click Options

Right-clicking on a template thumbnail gives the user the option to refresh the list or edit that particular template in GenCG.



Play Item Edit Window

In this window, choose which type of data will be uploaded to the selected template. View the combined data and template in a preview window before adding it to the PlayList.



1 Template Information: Displays the number of the page in the PlayList using this template and the name of the template itself.

2 PlayList Buttons: These buttons incorporate the page into the PlayList.

3 Data Source: Use this section to tell AutoCast where the data for the page will be coming from.

4 Data Table: This displays the aliases of the template and its associated data.

5 Preview Window: This shows a preview of the page, merging the template with the information to display how the page will look upon layout.

Template Information

The 'Play Item Edit Window' contains the following elements:

- No. :** A text box containing the number '1'.
- Template :** A dropdown menu currently showing 'News :1'. The dropdown list is open, showing options: 'News :1', 'crawl_subAlias :1', 'crawl_subAlias :2', 'crawl_subAlias :3', 'News :1', 'News :2', 'News :3', 'News :4', 'News :5', 'News :6', 'News :7', 'News :8', 'News :9', 'News :10', 'Sports :1', 'Sports :2', and 'Sports :3'.
- MultiData (File) :** An unchecked checkbox.
- Watch :** An unchecked checkbox.
- Data Table:** A table with two columns, 'No.' and 'Alias'. It contains four rows:

No.	Alias
1	Headline1
2	Headline2
3	Headline3
4	Headline4

Displays the number of the page within the PlayList. If it is a new template that has not yet been added, it displays the number of the next available spot in the PlayList.

Shows the template name being used. The drop down menu allows the user to select the template here instead of clicking on the thumbnail in the Template List.

PlayList Buttons

The PlayList Buttons are: New, Add, Insert, and Update.

Clear the Play Item Edit Window of all data and template info.

Add the page to the end of the PlayList.

Insert the page before the selected page in the PlayList.

Update the selected page in the PlayList with the current data and template info.

Data Source

There are two options in the Data Source area. The [MultiData (File)] check box will prompt for a text file that will populate more than one page. The [Watch] check box brings up another window in which to specify where the data will be coming from and what kind of data it is.



Tip

The text file is separated using line and page delimiters. For more information on setting delimiters in AutoCast, see the Tools Menu section in this chapter.



Tip

For more detailed information on the [Watch] function and ways to automate data, please see Chapter 3.

The Data Source area contains the following elements:

- MultiData (File) :** A checked checkbox.
- Watch :** An unchecked checkbox.
- Watch Settings :** A button next to the Watch checkbox.

The 'Open' dialog box shows the following details:

- Look in :** Data
- Files:** Crawl, headlines, history of marathon, News Anchor List (selected), weather of USA, world weather
- File name :** News Anchor List
- Files of type :** TXT Files (*.txt)
- Buttons:** Open, Cancel

To populate more than one page at a time using the MultiData feature:

① Click on the [MultiData (File)] check box.

② Open the desired file with the appropriate data. In this example, it is a list of news anchors. Once [Open] is clicked, the list appears in the Data Table corresponding with the aliases.

③ Clicking [Add] or [Insert] places all pages into the PlayList.

The Add and Insert buttons are shown with a circled '3' next to them.

Data Table

The Data Table shows all Aliases from the template and the data to which it is corresponding. The No. column lists the number of the alias or, when using the MultiData feature, it shows the page numbers.

No.	Alias	Data	☐ Fit	☐ Wrap	Up	Dn
1	Headline1	Man cleared by DNA free aft	☐	☐		
2	Headline2	Two people shot at D.C. sch	☐	☐		
3	Headline3	Nurses commute 280 miles to	☐	☐		
4	Headline4	At least 140 homes hit by Virg	☐	☐		

Data populated for one page

No.	Alias	Data	☐ Fit	☐ Wrap	Up	Dn
1	Reporter	JACK WELLS	☐	☐		
1	Title	KCMI Morning News	☐	☐		
2	Reporter	ALISA JENSEN	☐	☐		
2	Title	KCMI Evening News	☐	☐		
3	Reporter	PAUL GOTTO	☐	☐		
3	Title	KCMI Late Night News	☐	☐		

Data populated using the MultiData feature

Fit:

Forces the text to fit within the text object boundary set in the template. If the text is longer, it will be condensed.

Wrap:

If the text is longer than the text object boundary set in the template, then it will wrap around to another line.

Up & Dn:

Adjusts the order of the aliases. This does not change the composition of the graphic. Select the alias row in the data table then [Up] or [Dn]. The selected item moves up or down the list one position each time the button is clicked.



Tip

The template of a page can be exchanged without changing the data already populated. To do this, click on the page in the PlayList, then either click on the template thumbnail in the Template List or from the Template dropdown menu in the Play Item Edit Window. As long as the aliases on both templates are the same, the will data remain.

To manually populate the alias objects:

- ① After selecting the desired template, the data table populates with a list of aliases.
- ② Double click the [Data] cell next to the appropriate alias and begin typing the data. For image aliases, type the image file name and extension. AutoCast will automatically search for the image in the designated folder. Press Enter when done.
- ③ If necessary, select [Fit] or [Wrap].
- ④ Click the [Add], [Insert], or [Update] button to add the page to the PlayList.

The diagram illustrates the steps to manually populate the alias objects:

- ① The data table is populated with aliases (Reporter, Title). The [Data] cell for the first alias is highlighted.
- ② The [Data] cell for the first alias is double-clicked, and the text "John Doe" is entered.
- ③ The [Fit] and [Wrap] checkboxes are checked for the first alias.
- ④ The [Add], [Insert], or [Update] button is clicked to add the page to the PlayList.

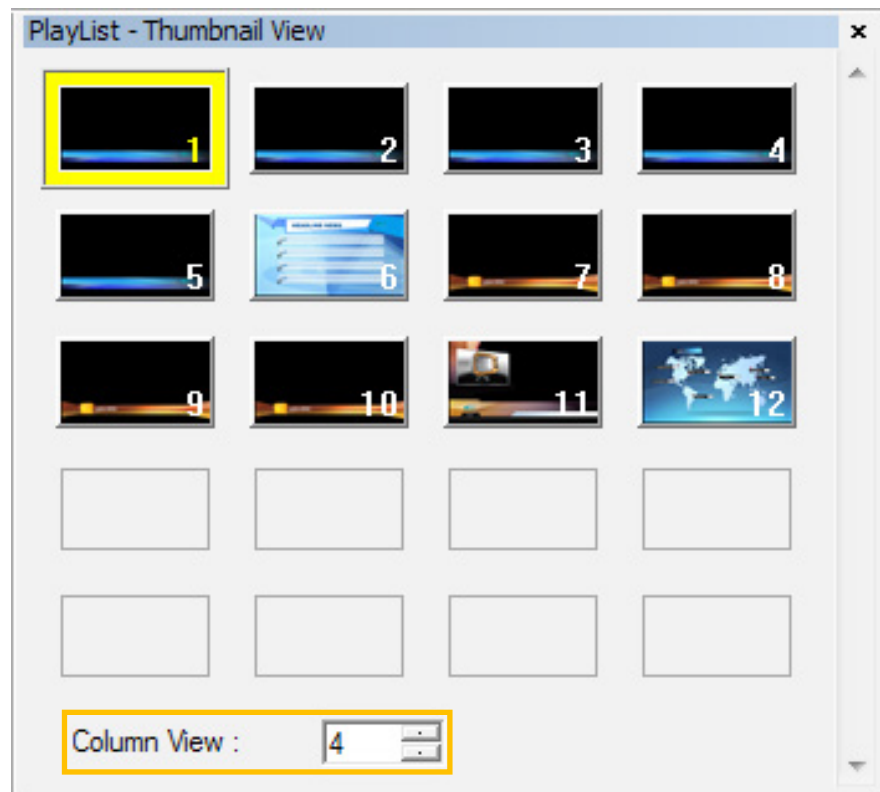
■ PlayList

The PlayList contains all pages created by the user. These pages can be played in sequence or individually cut in and out. A Column View field is available to change the number of columns, making it easier to see more pages.



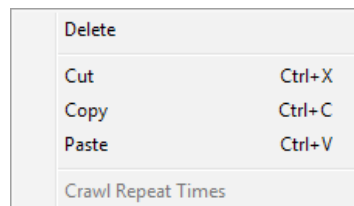
Tip

Save the PlayList by clicking on [File] > [Save] to be able to bring open the PlayList again at a later time.



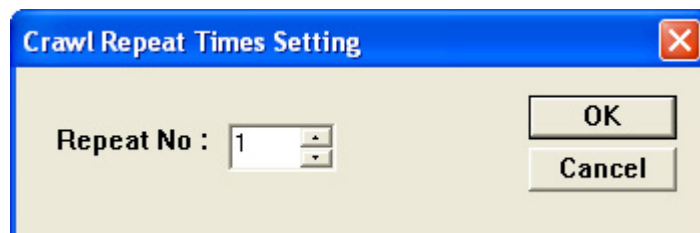
Right Click Options

Right-clicking on a page gives the user the option to delete, cut, copy, and paste the selected page. The [CrawlRepeat Times] function allows the user to change the number of loops a crawl page makes.



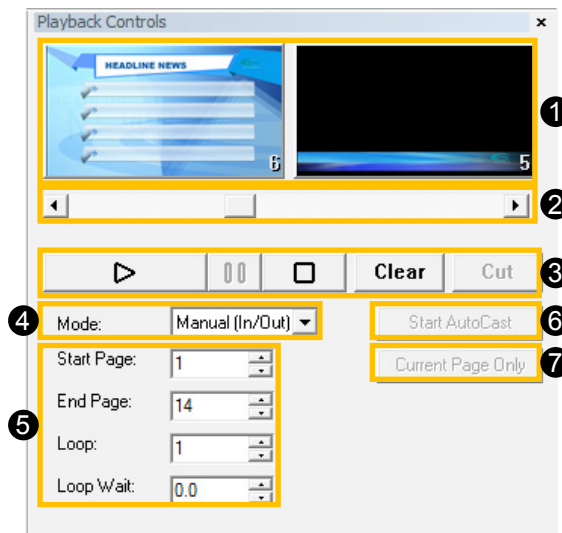
Crawl Repeat Times

When right-clicking on a crawl page in the PlayList, the [Crawl Repeat Times] option is available. The window to the right appears, allowing the user to choose how many times to repeat the crawl.



Playback Controls

The Playback Controls window contains the standard playback functionality with a Preview and Program thumbnail.



- 1 Preview & Program Thumbnails:** The program thumbnail displays the page currently on air while the preview thumbnail show the next page to go on air.
- 2 Preview Control:** This bar allows the user to select which page will play on-air next.
- 3 Output Control:** These are all the common playback functions, such as [Play], [Pause], [Stop], [Clear], and [Cut].
- 4 Mode:** Choose whether the PlayList will play through manually, automatically, or a combination of both.
- 5 Loop Settings:** Use these fields to tell AutoCast which pages to loop, how many times to loop, and the waiting time between loops in seconds.
- 6 Start AutoCast:** This mode plays through all pages in sequence in the PlayList once then plays only pages that have been updated.
- 7 Current Page Only:** This mode enables the real-time update of the current on-air page.

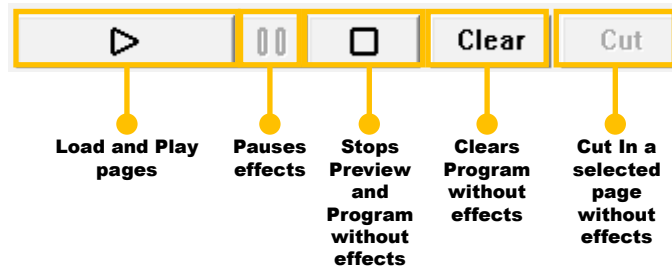
Preview & Program Thumbnails

These thumbnails show which page is currently on air and which is to be next on air. Double click on either thumbnail to view a larger preview thumbnail with more detail.



Output Control

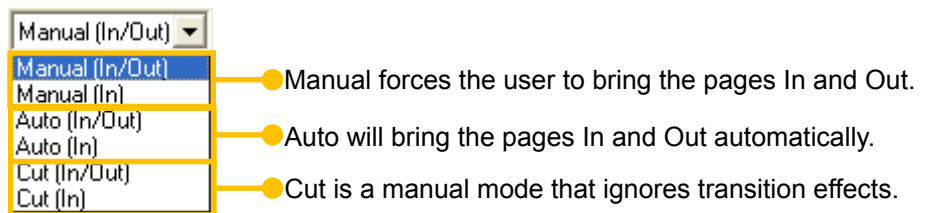
The Output Control comes with the standard playback functions to play out the pages from the PlayList.



Mode

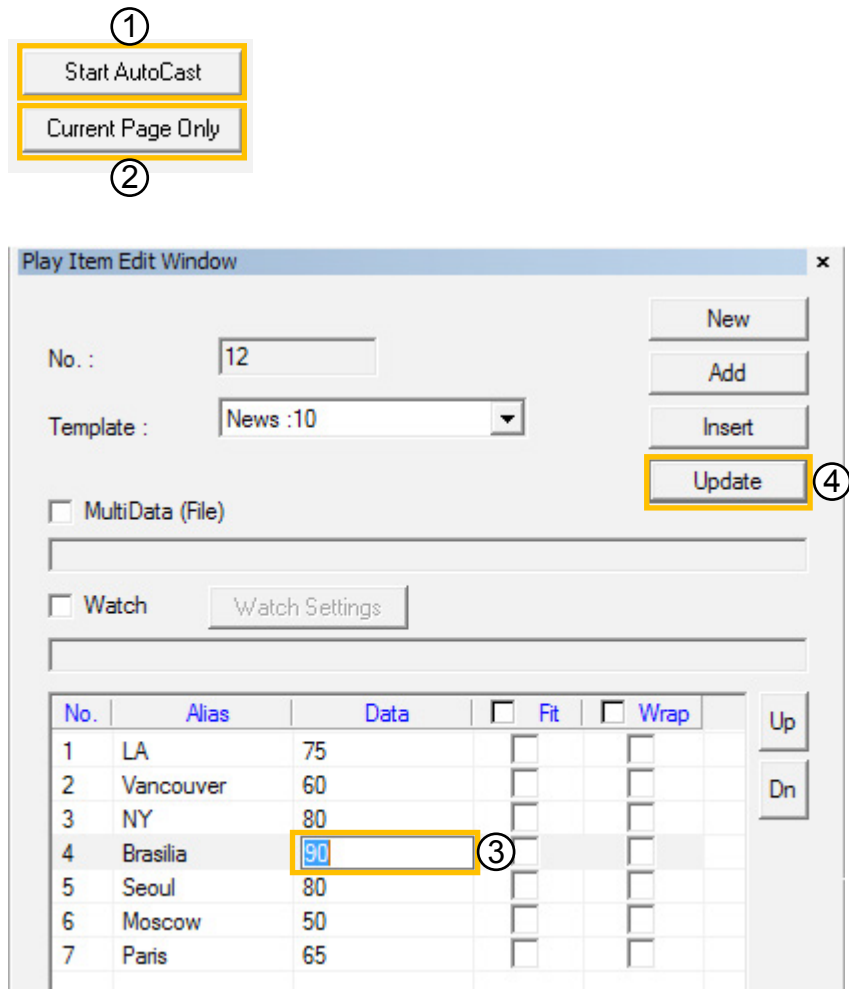
Choose from 6 different play modes.

The choice of either (In/Out) or (In) allows the user to choose whether or not they control both the In and out of each page or only the In. If (In) is chosen, then the Out is played automatically. In the case of [Auto (In)], the Out is controlled manually.



Current Page Only

This mode enables the real-time update of the current on-air page.



① Be sure that the [Start AutoCast] button is clicked. This function plays through all pages in the PlayList once.

② When the desired page appears in the Program, click on the [Current Page Only] button. This stops the PlayList on the current page and keeps it displayed on screen.

③ To update the data on the page, be sure that the current page is selected in the PlayList, double click on the item in the [Data] column, then type in the new data.

④ When done, click the [Update] button and the new data will appear on screen instantly. This can also be done with automated data.

⑤ To continue to the next page, simply click on [Current Page Only] again and AutoCast will play as usual.

Toolbar Icon Descriptions

Toolbar Icon Descriptions

The icons on the Toolbar correspond to most of the functions within the File and Edit menus at the top of the screen.



New (Ctrl+N):
Create new PlayList



Open (Ctrl+O):
Open PlayList



Save (Ctrl+S):
Save PlayList



Cut (Ctrl+X)



Copy (Ctrl+C)



Paste (Ctrl+V)



Create/Edit Template:
Open GenCG to edit the template



FileReceiver:
Opens the file transfer window



About:
Opens the About splash page

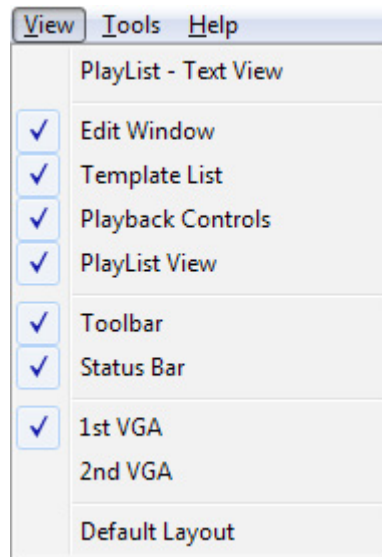


EAS:
Opens a window that watches for data and commands

Menu Options

View Menu

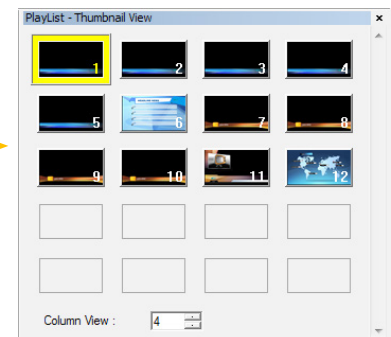
The View Menu contains toggle selections for components within AutoCast.



PlayList - Text View

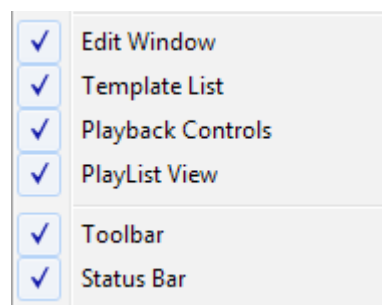
Change the PlayList from Thumbnail View to Text View, where a list of names and contents can be easily viewed in text only.

No.	Template	Contents
1	News	JACK WELLS ; KCMJ Morning N
2	News	ALISA JENSEN ; KCMJ Evening
3	News	PAUL GOTTO ; KCMJ Late Nigh
4	News	VANESSA HOOD ; KCMJ Early
5	News	CHRISTIE JACKSON ; KCMJ 6P
6	News	MICHAEL CHEN ; KCMJ Daily N
7	News	NICOLE PEREZ ; KCMJ Morning
8	News	THOMAS McCARTHY ; KCMJ 3



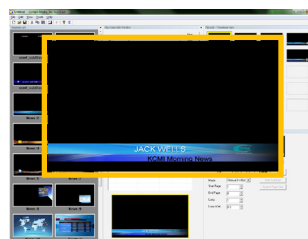
Window Toggles

Click on each of these items in the menu to hide the corresponding window. Check the items again to view the windows.

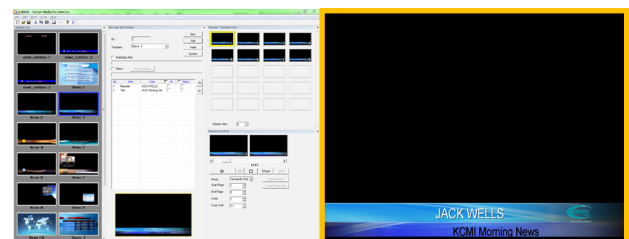


1st and 2nd VGAs

By default, the [1st VGA] is selected. This allows the current VGA monitor being used to display a small Program Presenter window. If the [2nd VGA] is selected and there are two VGA monitors attached to the system, the second monitor becomes the Program Presenter.



1st VGA Program Presenter



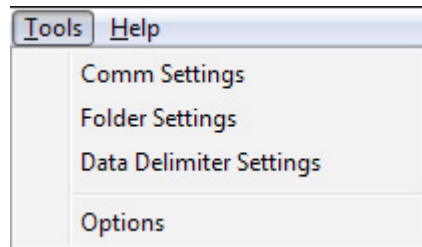
2nd VGA Program Presenter on second monitor

Default Layout

Click this to force AutoCast into its default layout, which will display all windows in their proper sizes.

Tools Menu

The Tools Menu contains all settings and options information.

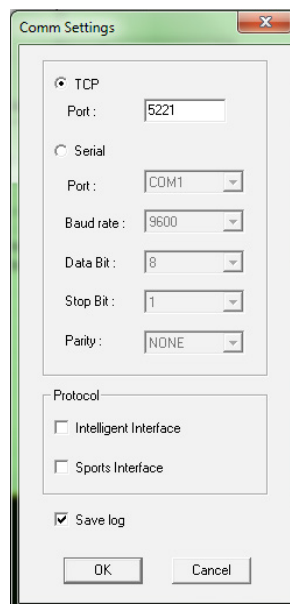


Comm Settings

Select either [TCP] or [Serial] to change the settings for the appropriate controller. Set the Port, Baud Rate, Data Bit, Stop Bit, and Parity.

Select the [Intelligent Interface] and [Sports Interface] options if appropriate.

Check the [Save Log] box to save a log of this controller.

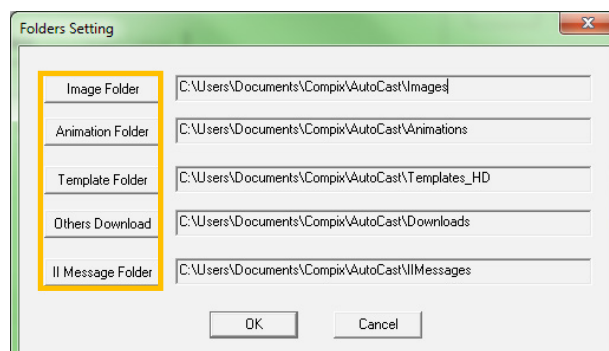


AutoCast can support either serial (RS-232) or TCP/IP. Intelligent Interface (III) can be used to communicate with newsroom computer systems or other devices.

Folder Settings

Click on each folder button to change the path where AutoCast will search for the corresponding files.

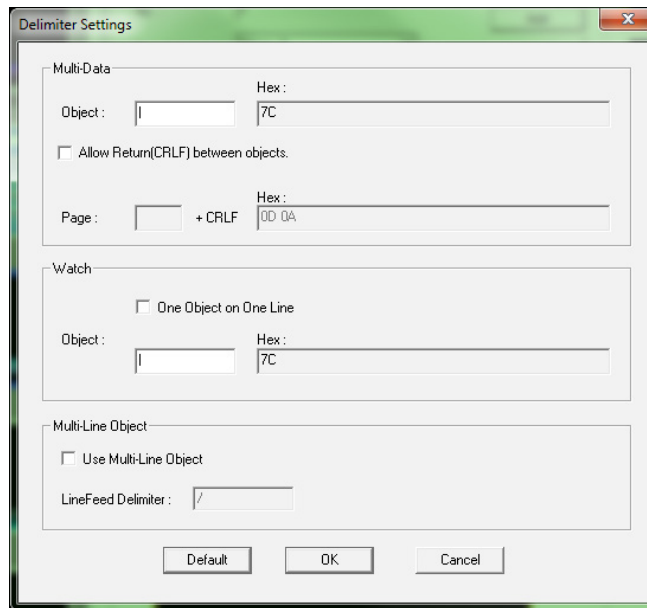
The types of folders are Image, Animation, Template, Others Download, and the II Message Folder.



Data Delimiter Settings

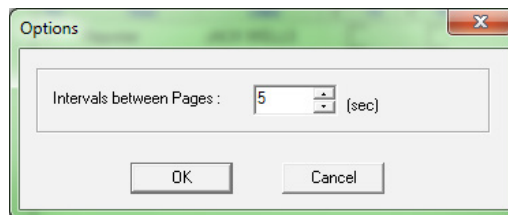
Enter the object delimiter for both MultiData and Watch functions. The Hex version can be viewed to the right. Check the [Allow Return(CRLF) Between Objects] box to set the page delimiter for the MultiData function. Checking [One Object on One Line] delimits data by line, not by a character.

Check [Use Multi-Line Object] to read data on a single line as multiple pages and enter the line feed delimiter for the multi-line object.



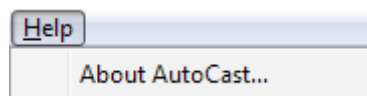
Options

Set the delay time in seconds between auto playout of pages.



Help Menu

The Help Menu contains information about AutoCast.



About AutoCast...

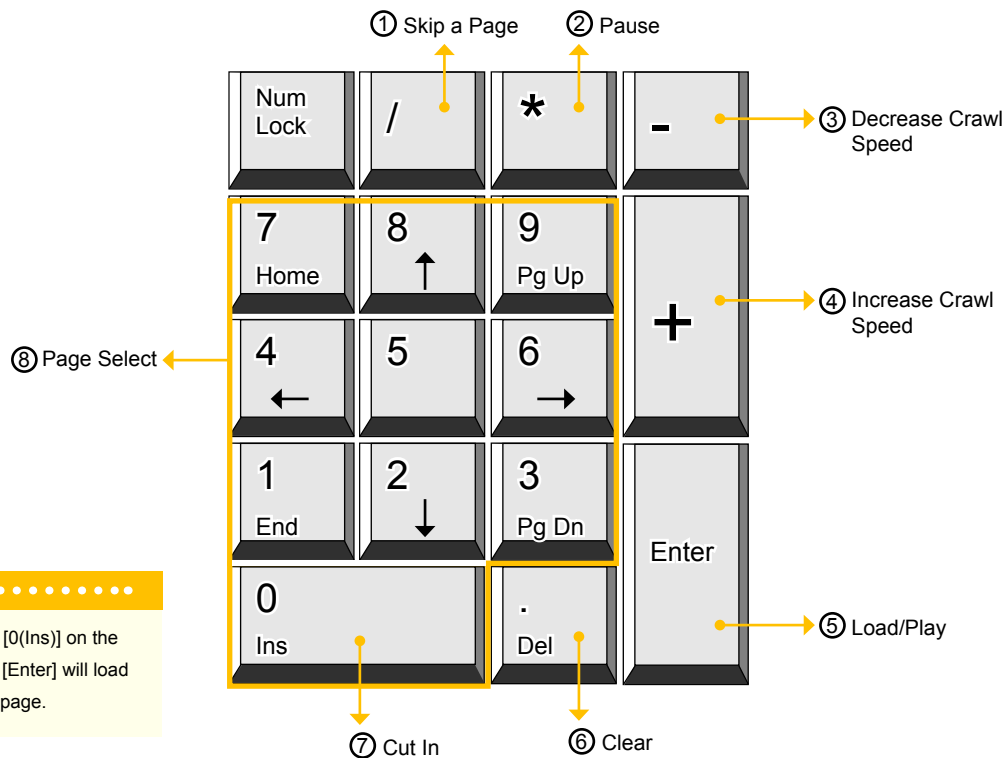
The About page contains information on AutoCast, including version number, build number, and copyright information.



On-Air Shortcuts

The keyboard is yet another way to control how pages get on-air in AutoCast.

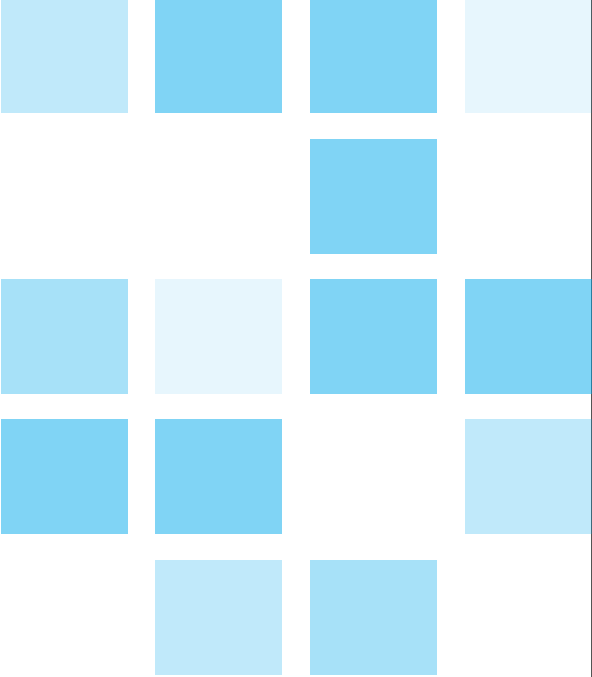
Shortcuts while On-Air (Num Lock Must Be Turned Off)



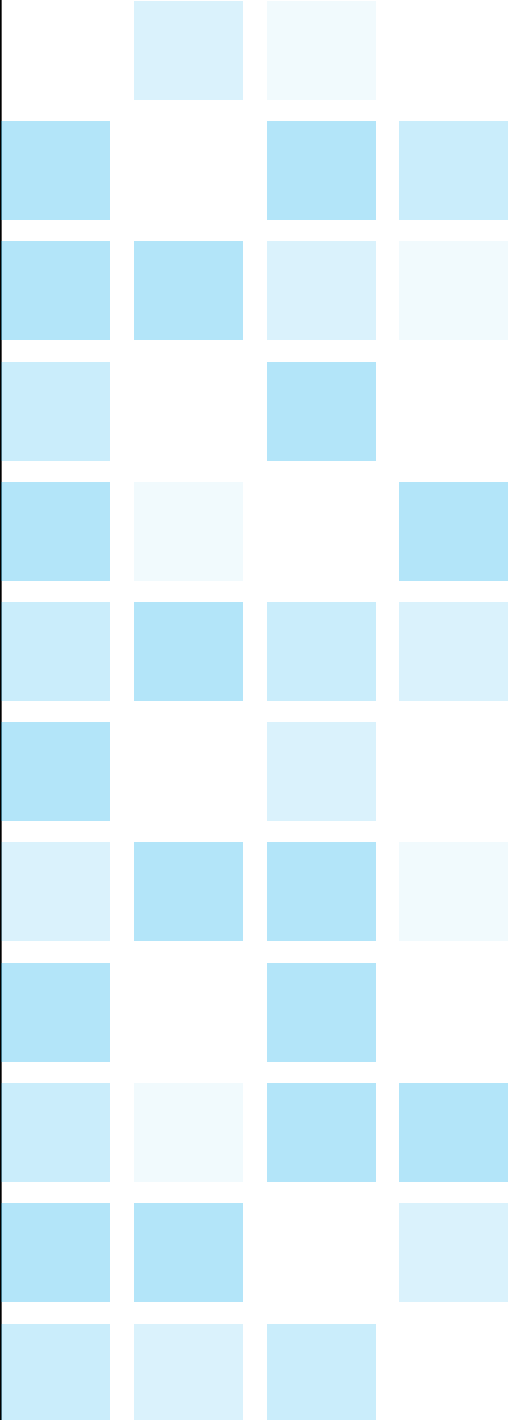
Tip

While on air, pressing [0(Ins)] on the keypad then pressing [Enter] will load the previously played page.

- ① **Skip a Page:** Skips over the page currently in Preview to the next page in the PlayList.
- ② **Pause:** Pause the current page's transition effect. Press [Play] to release the pause.
- ③ **Decrease Crawl Speed:** For crawl pages only. Slows down the crawl speed.
- ④ **Increase Crawl Speed:** For crawl pages only. Speeds up the crawl speed.
- ⑤ **Load/Play:** Loads the first page from the PlayList into Preview. Play the page from Preview into Program while loading the next page to Preview.
- ⑥ **Clear:** Clears Program without transition effects.
- ⑦ **Cut In:** Cut In a selected page. Use only when PlayList is not loaded.
- ⑧ **Page Number Input:** Input a page number then press [Enter] to load the page into Preview.



Chapter 3



Importing Data

Text Files

Microsoft Excel Files

XML

Web Sites

Databases

RSS

Sports Interface

Images and Animations

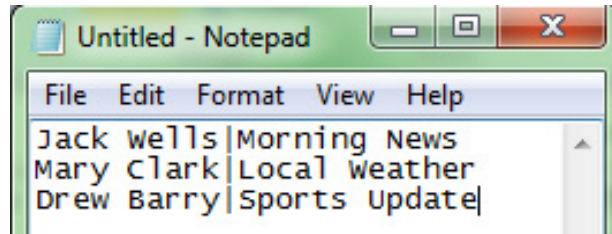
Shortcut List

Text Files

Data from text files (*.txt), among many other files, can be used to fulfill templates within AutoCast. Text files themselves can be used in a variety of ways, to populate one or multiple pages, crawls, rolls, and for automatic updating.

Prepare the Text File

For text files to properly populate aliases and create one or multiple pages, certain conventions must be followed. The default page delimiter is a new line while the default data element delimiter is the vertical bar key (|). To assign one line of data to multiple pages, use the default forward slash (/). All these delimiters can be customized by going to [Tools] > [Data Delimiter Settings].



As an example, the file shown above could be used to fulfill templates using either the MultiData or Watch functions. The MultiData function would create three pages from this file, one per line, while the Watch function would create only one page from the information on the first line.

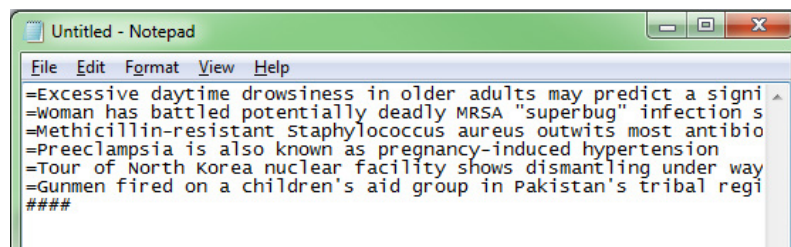


Tip

Note: A delimiter is a character that marks a separation between data elements. When creating these text files, use delimiters to separate information that belongs in different aliases or pages.

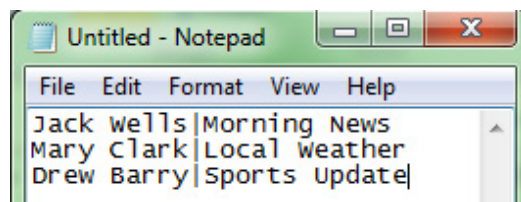
Text Files for Crawls

The text files for Crawl templates have a particular syntax that must be followed. Each data element must be on a separate line, preceded by an equal (=) sign. After all data has been entered, the last line must have four (4) hash (#) signs.

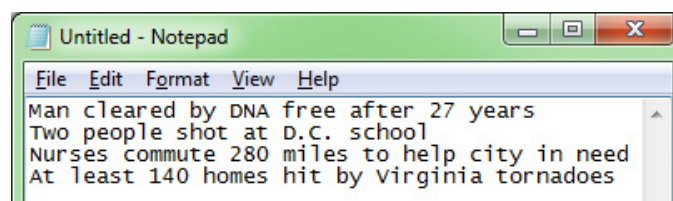


Text Files for Rolls

Text files for Roll templates should follow the same rules for that of the static pages, but it is not necessary to use delimiters. If no delimiters are wanted, then each line is considered an object to be matched with an alias in the selected template.



OR



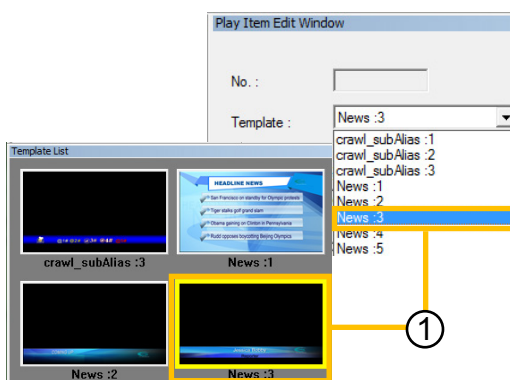
MultiData Function

Create more than one page from a single text file. Once pages are created and added to the PlayList, their content remains the same, even if changes are saved to the original text file.

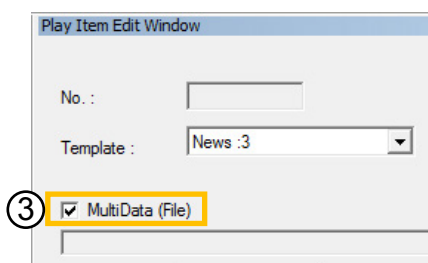


Tip

NOTE: If the order of the data in the text file incorrectly matched the aliases in the template, reorder the alias fields by clicking on the **Up** and **Dn** buttons.



No.	Alias	Data
1	Reporter	
2	Title	



No.	Alias	Data	Fit	Wrap
1	Reporter	Jack Wells	☐	☐
1	Title	Morning News	☐	☐
2	Reporter	Mary Clark		
2	Title	Local Weather		
3	Reporter	Drew Barry		
3	Title	Sports Update		



① Select a template by clicking on the thumbnail in the Template List or selecting it with the Template dropdown in the Play Item Edit Window.

② Once selected, the table in the Play Item Edit Window populates with a list of all alias objects available.

③ Check the [MultiData (File)] box.

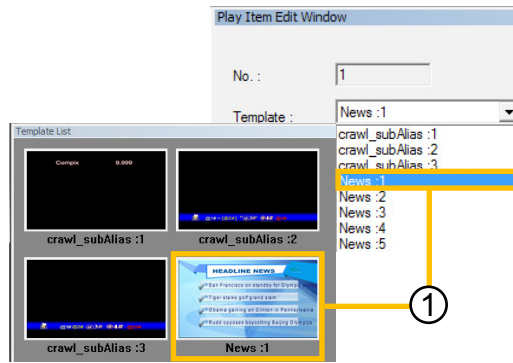
④ Open the desired text (*.txt) file in the window that appears. The data from the file will populate the [Data] column in the table and appears in the preview thumbnail. This example creates three pages.

⑤ If necessary, select [Fit] and/or [Wrap] to indicate how text objects should auto-size and format.

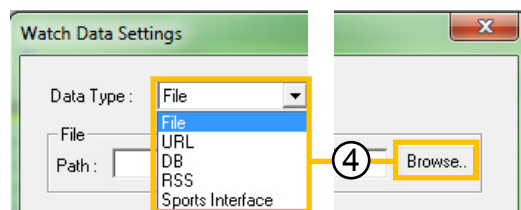
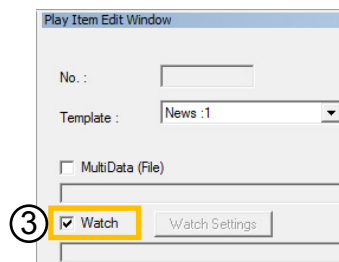
⑥ Click the [Add] button to add all pages to the PlayList.

Watch Function

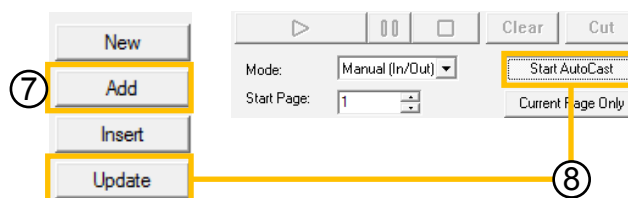
Create one page from a single text file. Even after a page is added to the PlayList, it may be updated when changes are saved to the original text file.



No.	Alias	Data
1	Headline1	
2	Headline2	
3	Headline3	
4	Headline4	



No.	Alias	Data	Fit	Wrap
1	Headline1	Man cleared by D	☐	☐
2	Headline2	Two people shot a	☐	☐
3	Headline3	Nurses commute	☐	☐
4	Headline4	At least 140 home	☐	☐



① Select a template by clicking on the thumbnail in the Template List or selecting it with the Template dropdown in the Play Item Edit Window.

② Once selected, the table in the Play Item Edit Window populates with a list of all alias objects available.

③ Check the [Watch] box.

④ In the new window that opens, choose [File] from the Data Type dropdown menu and click the [Browse] button to select the desired text (*.txt) file.

⑤ When done, click [OK]. The information from the file will populate the [Data] column in the table.

⑥ If necessary, select [Fit] and/or [Wrap] to indicate how text objects should auto-size and format.

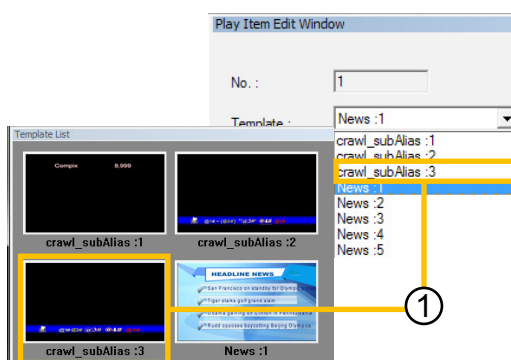
⑦ Click the [Add] button to add the page to the PlayList.

⑧ Any changes to the text file will be reflected in the populated template when clicking [Update] or while the page is on air using [Start AutoCast].

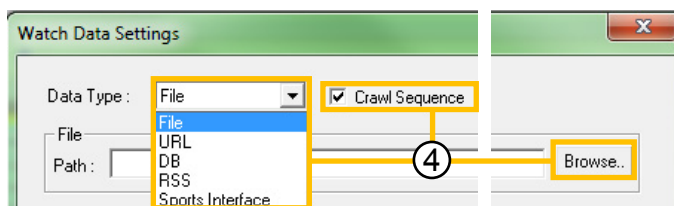
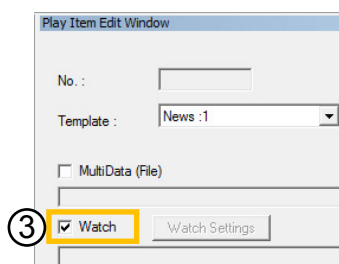
Crawls

Crawl pages can be created using either the MultiData or Watch functions. With the MultiData function, however, each data element becomes its own page. To use this functionality, follow the steps in the previous MultiData Function subsection.

Typically, what is needed for a crawl are all data elements crawling in a single alias on one page, which is something the Watch function provides. To use this functionality, follow these steps.



No.	Alias	Data
1	@crawl_bar	
2	@crawl_image	
3	@crawl_data	



No.	Alias	Data
1	line 1	Excessive daytime
2		Woman has battle
3		Methicillin-resistant
4		Preeclampsia is al
5		Tour of North Kore
6		Gunmen fired on a



① Select a crawl template by clicking on the thumbnail in the Template List or selecting it with the Template dropdown in the Play Item Edit Window.

② Once selected, the table in the Play Item Edit Window populates with a list of all alias objects available.

③ Check the [Watch] box.

④ In the new window that opens, choose [File] from the Data Type dropdown menu, check the [Crawl Sequence] box, and click the [Browse] button to select the desired text (*.txt) file.

⑤ When done, click [OK]. The information from the file will populate the [Data] column in the table.

⑥ Click the [Add] button to add the page to the PlayList.

Microsoft Excel Files

In addition to text (*.txt) files, Microsoft Excel files can be used to fulfill templates in AutoCast. Microsoft Excel files can be used with the MultiData and Watch functions to create one or more pages. While Crawl pages cannot be populated by Microsoft Excel files, Rolls can and should be treated as still pages.

Prepare the Microsoft Excel File

For Excel files to properly populate aliases and create one or multiple pages, certain conventions must be followed.

1. Image file names can be used to access images for populating image alias objects.
2. The first row of data must be the list of aliases corresponding to the alias names within the desired template.
3. Format the cells to display numbers as text to ensure that all data is displayed as entered.

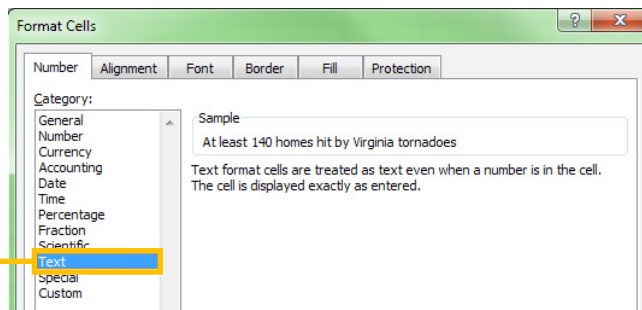
Alias names corresponding to those in the desired template.

	A	B	C	D
1	Headline1	Headline2	Headline3	Headline4
2	Man cleared	Two people	Nurses com	At least 140 homes hit by virginia tornado



Tip

All rows following the first contain data to populate the template. Each row populates a new page with the MultiData function. If using the Watch function, the file would populate only one page using only the second row.



MultiData Function

Create more than one page from a single Microsoft Excel file. Once pages are created and added to the PlayList, their content remains the same, even if changes are saved to the original file.

To set up the MultiData function for Microsoft Excel files, follow the steps in the MultiData Function subsection under the Text Files section in this chapter.

Watch Function

Create one page from a single Microsoft Excel file. Even after a page is added to the PlayList, it may be updated when changes are saved to the original file.

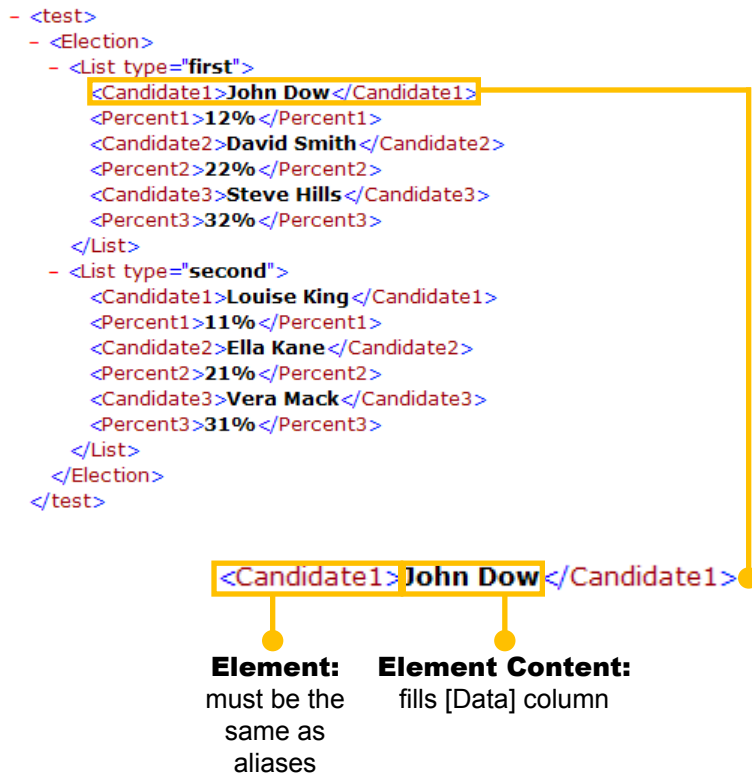
To set up the Watch function for Microsoft Excel files, follow the steps in the Watch Function subsection under the Text Files section in this chapter.

XML

In addition to text (*.txt) and Microsoft Excel files, XML files can be used to fulfill templates in AutoCast. XML files can be used only with the Watch function to create pages. While Crawl pages cannot be populated by XML files, Rolls can and should be treated as still pages.

Prepare the XML File

For XML files to properly populate aliases and create pages, certain conventions must be followed. Child elements within the XML file must reflect the aliases of the desired template. The elements' contents are the data that will populate the page in AutoCast.



Using this sample XML file with one template, two different pages can be created.

ELECTION RESULTS	
John Dow	12%
David Smith	22%
Steve Hills	32%

ELECTION RESULTS	
Louise King	11%
Ella Kane	21%
Vera Mack	31%

Watch Function

Create one page from a single XML file. Even after a page is added to the PlayList, it may be updated when changes are saved to the original XML file.



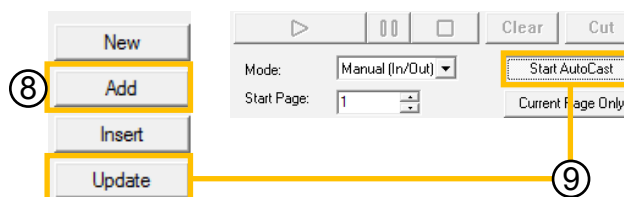
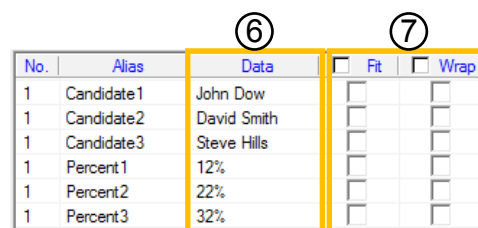
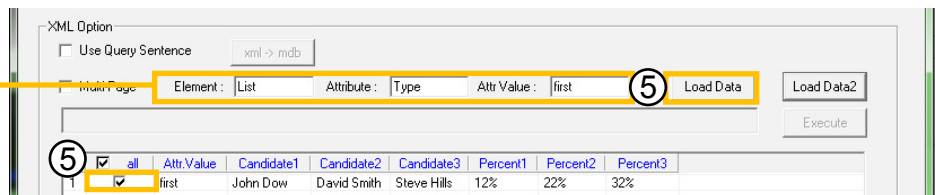
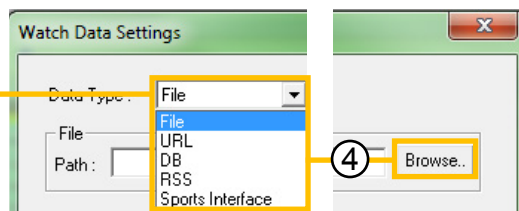
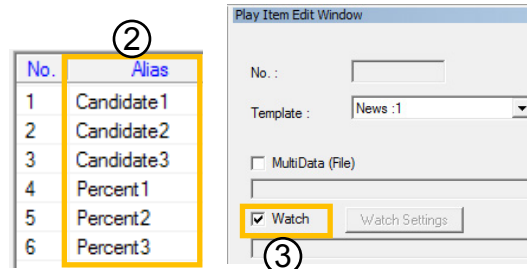
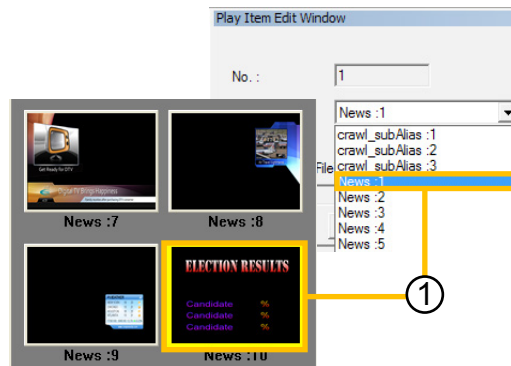
Tip

XML can be read from files or from the web. If the desired XML is online, select [URL] from the Data Type dropdown instead of [File]. Continue with steps 5-9.

- <List type="first">

Attribute

Element **Attr Value**



1 Select a template by clicking on the thumbnail in the Template List or selecting it with the Template dropdown in the Play Item Edit Window.

2 Once selected, the table in the Play Item Edit Window populates with a list of all alias objects available.

3 Check the [Watch] box.

4 In the new window that opens, choose [File] from the Data Type dropdown menu and click the [Browse] button to select the desired XML (*.xml) file.

5 In the [XML Option] section, enter the information for Element, Attribute, and Attr Value, then click [Load Data]. Be sure the appropriate row is checked.

6 When done, click [OK]. The information from the file will populate the [Data] column in the table.

7 If necessary, select [Fit] and/or [Wrap] to indicate how text objects should auto-size and format.

8 Click the [Add] button to add the page to the PlayList.

9 Any changes to the XML file will be reflected in the populated template when clicking [Update] or while the page is on air using [Start AutoCast].

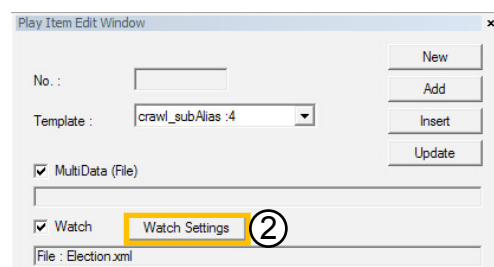
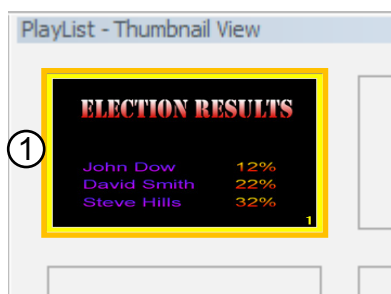
Update Contents of a Page

Change the contents of a page in the PlayList to different data on the same XML file.

```
- <test>
- <Election>
- <List type="first">
  <Candidate1>John Dow</Candidate1>
  <Percent1>12%</Percent1>
  <Candidate2>David Smith</Candidate2>
  <Percent2>22%</Percent2>
  <Candidate3>Steve Hills</Candidate3>
  <Percent3>32%</Percent3>
</List>
- <List type="second">
  <Candidate1>Louise King</Candidate1>
  <Percent1>11%</Percent1>
  <Candidate2>Ella Kane</Candidate2>
  <Percent2>21%</Percent2>
  <Candidate3>Vera Mack</Candidate3>
  <Percent3>31%</Percent3>
</List>
</Election>
</test>
```

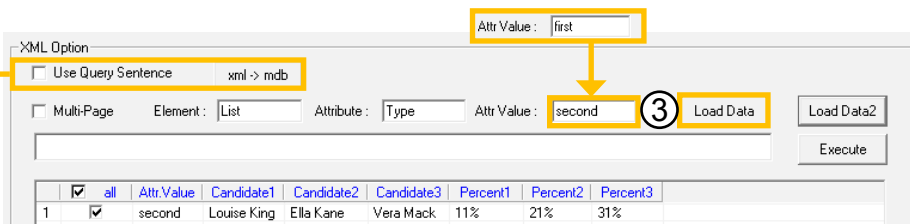
In the last example, the “first” list was used.

Now, change the data to the “second” list while keeping the same template.

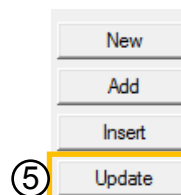


Tip

The [Use Query Sentence] box converts the XML file into a database useable by Microsoft Access.



No.	Alias	Data
1	Candidate1	Louise King
1	Candidate2	Ella Kane
1	Candidate3	Vera Mack
1	Percent1	11%
1	Percent2	21%
1	Percent3	31%



① Select a page by clicking on the thumbnail in the PlayList. This page should have been already populated using an XML file.

② Once selected, click the [Watch Settings] button.

③ In the [XML Options] section, change the Attr Value and click [Load Data].

④ When done, click [OK]. The new information from the file will populate the [Data] column in the table.

⑤ Click [Update] to update this page in the PlayList.



Tip

[Update] changes the old data from the page into new data gathered from the file. Click on [Add] instead to create an additional page with the new data, keeping the old page as is.

Web Sites

In addition to text (*.txt), Microsoft Excel files, and XML files, Web sites can be used to fulfill templates in AutoCast. Web sites can be used only with the Watch function to create pages, however they can be used in a variety of ways: to populate one or multiple pages, crawls, rolls, and for automatic updating.

Prepare the Web Site Query

For Web sites to properly populate aliases and create pages, certain conventions must be followed. The first step is to capture the data field locations from the Web site into a Web query. This helps locate the correct data for the templates. Then the data can be assigned to aliases manually.

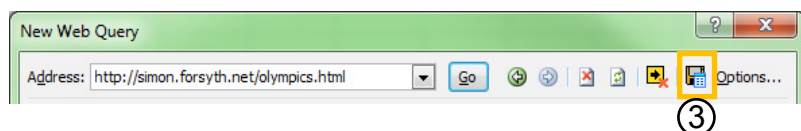
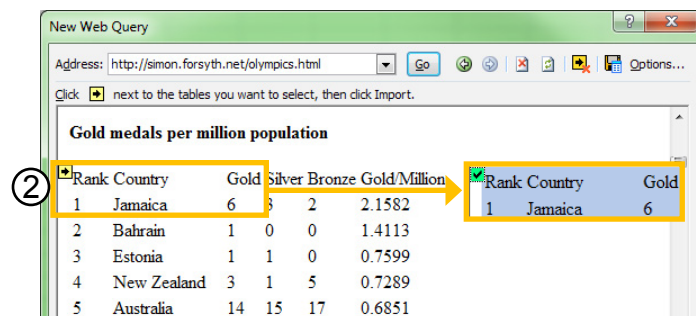
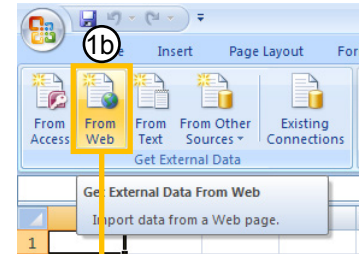


Tip

NOTE: Compix Media is not responsible for any misuse or unauthorized use of Web content. It is the user's responsibility to make sure that appropriate permission to use any Web content on the air, or for any other purposes, is granted.

Gold medals per million population

Rank	Country	Gold	Silver	Bronze	Gold/Million
1	Jamaica	6	3	2	2.1582
2	Bahrain	1	0	0	1.4113
3	Estonia	1	1	0	0.7599
4	New Zealand	3	1	5	0.7289
5	Australia	14	15	17	0.6851
6	Mongolia	2	2	0	0.6776
7	Norway	3	5	2	0.6482
8	Georgia	3	0	3	0.6457
9	Slovakia	3	2	1	0.5507
10	Slovenia	1	2	2	0.4977
11	Latvia	1	1	1	0.4425
12	Netherlands	7	5	4	0.4224
13	Belarus	4	5	10	0.4113
14	Denmark	2	2	3	0.3658
15	Great Britain	19	13	15	0.3126
16	Panama	1	0	0	0.3084
17	Hungary	3	5	2	0.3013
18	Czech Republic	3	3	0	0.2933
19	Korea	13	10	8	0.2651
20	Switzerland	2	0	4	0.2647
21	Germany	16	10	15	0.1947



① Use one of the following methods to capture data locations from a Web site to a Web query:

①a Using Internet Explorer, navigate to the website. Right click on a blank area of the page and select [Export to Microsoft Excel].

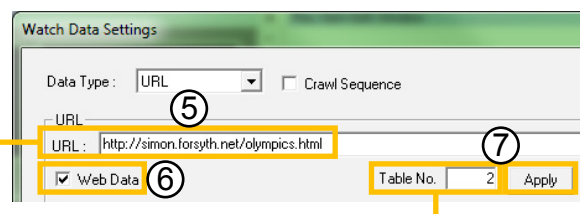
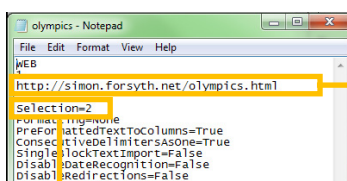
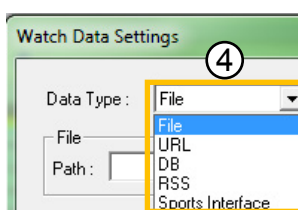
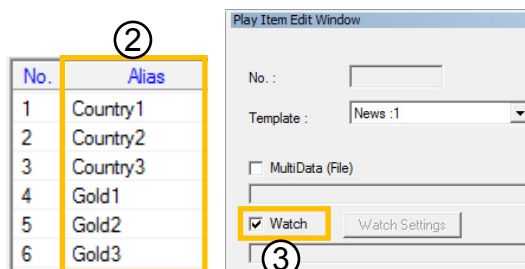
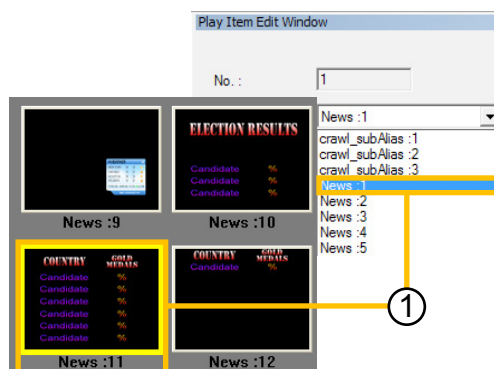
①b While connected to the internet, open Microsoft Excel. Select [Data] > [From Web]. In the New Web Query window, enter the URL in the Address field or select it from the dropdown menu.

② The Web site opens in the New Web Query window with yellow selection boxes beside data fields. To select the data, check the desired yellow boxes, changing their color to green.

③ Click the [Save Query] button and save the file in an accessible place.

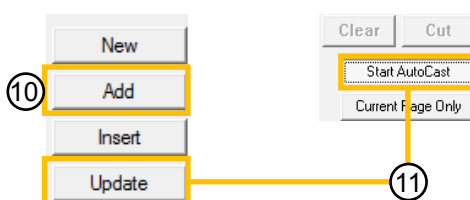
Watch Function

Create one page from a single Web site. Even after a page is added to the PlayList, it may be updated when changes are made to the Web site.



No.	Alias	1	2	3	4	5	6
1	Country1	2.2 [2]	1	Rank	Gold	Silver	Bronze
2	Country2	2.2 [2]	2	Rank	Gold	Silver	Bronze
3	Country3	4.2 [2]	3	Rank	Gold	Silver	Bronze
4	Gold1	2.3 [2]	4	Rank	Gold	Silver	Bronze
5	Gold2	3.3 [2]	5	Rank	Gold	Silver	Bronze
6	Gold3	4.3 [2]	6	Rank	Gold	Silver	Bronze

No.	Alias	Data	Fit	Wrap
1	Country1	Jamaica	☐	☐
2	Country2	Bahrain	☐	☐
3	Country3	Estonia	☐	☐
4	Gold1	6	☐	☐
5	Gold2	1	☐	☐
6	Gold3	1	☐	☐



① Select a template by clicking on the thumbnail in the Template List or selecting it with the Template dropdown in the Play Item Edit Window.

② Once selected, the table in the Play Item Edit Window populates with a list of all alias objects available.

③ Check the [Watch] box.

④ In the new window that opens, choose [URL] from the Data Type dropdown menu.

⑤ Open the Web query file created in the previous section with a text editor such as Notepad. Copy the Web address and paste it into the URL field in AutoCast.

⑥ Check the [Web Data] box.

⑦ Within the Web query file is the selection number, found below the Web address. Copy this number into the Table No. field and click [Apply].

⑧ Data from the Web site displays in the table below. To assign data, click the cell next to the alias object then click the cell with the desired data.

⑨ When done, click [OK]. The information from the file will populate the [Data] column in the table.

⑩ Click the [Add] button to add the page to the PlayList.

⑪ Any changes to the Web site will be reflected in the populated template when clicking [Update] or while the page is on air using [Start AutoCast].

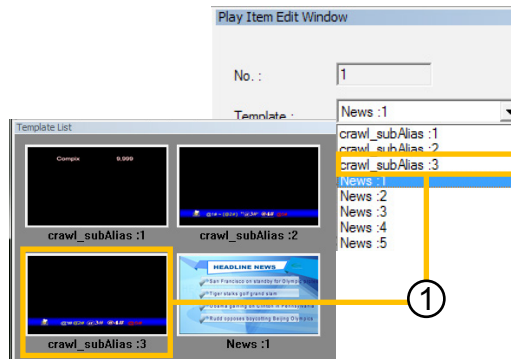


Tip

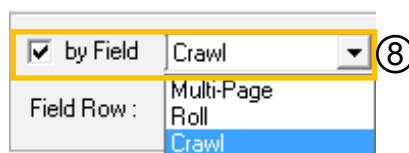
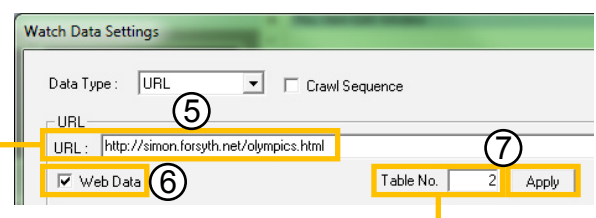
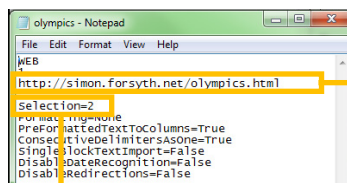
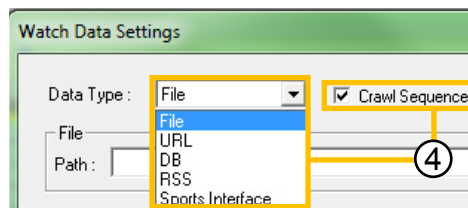
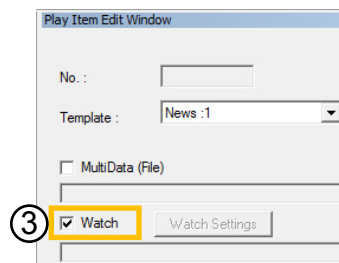
If the third table to the right populates after a selection from within the center table, select the appropriate data from this table as well.

Crawls

Crawl pages can be created using the Watch function. To use this functionality, follow these steps.



No.	Alias	Data
1	@crawl_bar	
2	@crawl_image	
3	@crawl_data	



N	Alias	Field [table]	1	2	3	4	5	6	
1	@crawl_bar		1	Rank	Country	Gold	Silver	Bronze	Gold/Milli
2	@crawl_image		2	1	Jamaica	6	3	2	2.1582
3	@crawl_data	2[0] 2[.3[0] 2[.4[0]	9	2	Bahrain	1	0	0	1.4113
			4	3	Estonia	1	1	0	0.7539

⑧ Data from the Web site displays in the table below. Check the [by Field] box. And select [Crawl] from the dropdown menu.

⑨ To assign data, click the cell next to the alias object then click the column number with the desired data.

① Select a crawl template by clicking on the thumbnail in the Template List or selecting it with the Template dropdown in the Play Item Edit Window.

② Once selected, the table in the Play Item Edit Window populates with a list of all alias objects available.

③ Check the [Watch] box.

④ In the new window that opens, choose [URL] from the Data Type dropdown menu and check the [Crawl Sequence] box.

⑤ Open the Web query file created in the previous section with a text editor such as Notepad. Copy the Web address and paste it into the URL field in AutoCast.

⑥ Check the [Web Data] box.

⑦ Within the Web query file is the selection number, found below the Web address. Copy this number into the Table No. field and click [Apply].



Tip

To assign multiple columns to one alias, hold down the **Ctrl** button and select all desired columns.

No.	Alias	Data
1	line 1	Country:Gold;Silver;Bronze
2		Jamaica;6;3;2
3		Bahrain;1;0;0
4		Estonia;1;1;0
5		New Zealand;3;1;5
6		Australia;14;15;17
7		Mongolia;2;2;0



⑩ When done, click [OK]. The information from the file will populate the [Data] column in the table.

⑪ Click the [Add] button to add the page to the PlayList.

Row Selection

Extra functions exist to assist in data assignment.

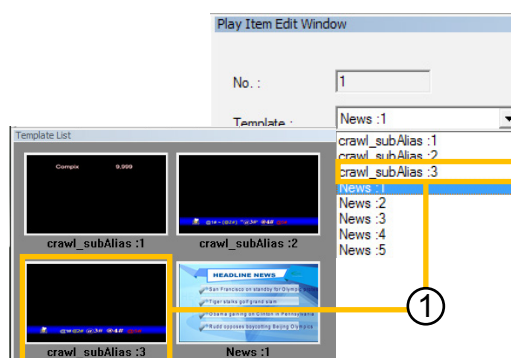
① **Field Row:** Allows for selection of even, odd, or all rows within a selected column.

② **Start & End Row:** Select the first and last row of data within a selected column.

③ **Clear:** Clears all data from the tables.

Rolls

Populating rolls using Web sites follow similar steps as crawls in the previous subsection.



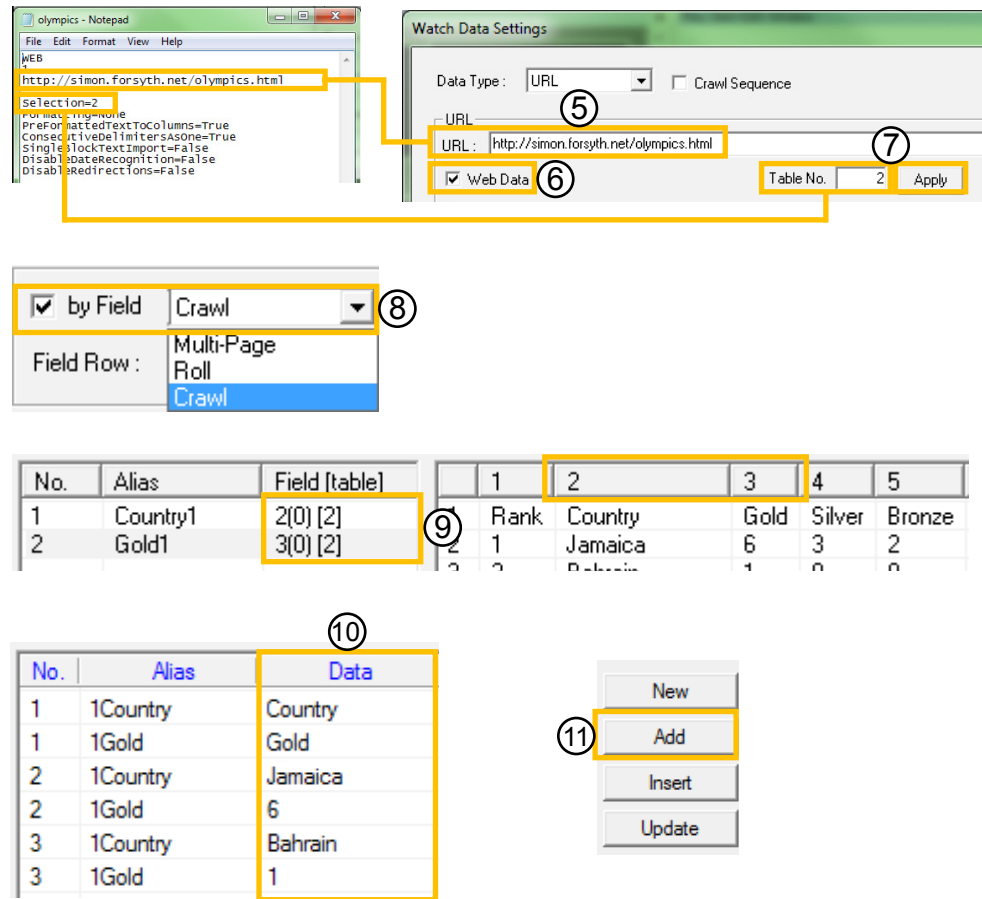
① Select a crawl template by clicking on the thumbnail in the Template List or selecting it with the Template dropdown in the Play Item Edit Window.

② Once selected, the table in the Play Item Edit Window populates with a list of all alias objects available.

③ Check the [Watch] box.

④ In the new window that opens, choose [URL] from the Data Type dropdown menu.

No.	Alias	Data
1	@crawl_bar	
2	@crawl_image	
3	@crawl_data	



⑤ Open the Web query file created in the previous section with a text editor such as Notepad. Copy the Web address and paste it into the URL field in AutoCast.

⑥ Check the [Web Data] box.

⑦ Within the Web query file is the selection number, found below the Web address. Copy this number into the Table No. field and click [Apply].

⑧ Data from the Web site displays in the table below. Check the [by Field] box. And select [Roll] from the dropdown menu.

⑨ To assign data, click the cell next to the alias object then click the column number with the desired data.

⑩ When done, click [OK]. The information from the file will populate the [Data] column in the table.

⑪ Click the [Add] button to add the page to the PlayList.

Multi-Page

Since the MultiData function will not work with Web sites, use the Watch function instead to create more than one page. Even after a page is added to the PlayList, it may be updated when changes are made to the Web site.

Populating multiple pages using Web sites follow the same steps as the previous Rolls section. Instead of selecting [Crawl] from the dropdown menu in step ⑧, select [Multi-Page].



Tip

Be sure that the template aliases begin with a number for [Multi-Page] to work properly.

⑧

☒ by Field	Crawl
Field Row :	Multi-Page
	Roll
	Crawl

Follow steps ① to ⑦ from the previous Rolls subsection.

⑨

No.	Alias	Field [table]	1	2	3	4	5
1	1Country	2(0) [2]	Rank	Country	Gold	Silver	Bronze
2	1Gold	3(0) [2]	1	Jamaica	6	3	2

⑩

No.	Alias	Data
1	1Country	Country
1	1Gold	Gold
2	1Country	Jamaica
2	1Gold	6
3	1Country	Bahrain
3	1Gold	1

⑪

New
Add
Insert
Update

⑧ Data from the Web site displays in the table below. Check the [by Field] box. And select [Multi-Page] from the dropdown menu.

⑨ To assign data, click the cell next to the alias object then click the column number with the desired data.

⑩ When done, click [OK]. The information from the file will populate the [Data] column in the table.

⑪ Click the [Add] button to add the page to the PlayList.

Databases

In addition to text (*.txt), Microsoft Excel files, XML files, and Web sites, Databases can be used to fulfill templates in AutoCast. Databases can be used only with the Watch function to create pages, however they can be used in a variety of ways: to populate one or multiple pages, crawls, rolls, and for automatic updating.

Prepare the Database

For Databases to properly populate aliases and create pages, certain conventions must be followed. The first step is to set up the database then assign it to the desired template.



Tip

For the best results, name the database and table the same as the template being used in AutoCast. Name the database fields the same as the corresponding alias objects within the template.

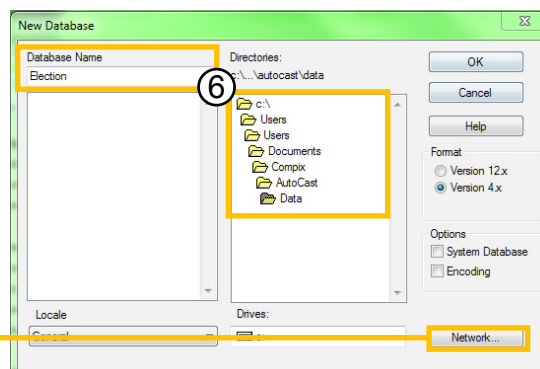
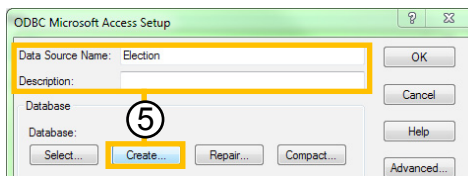
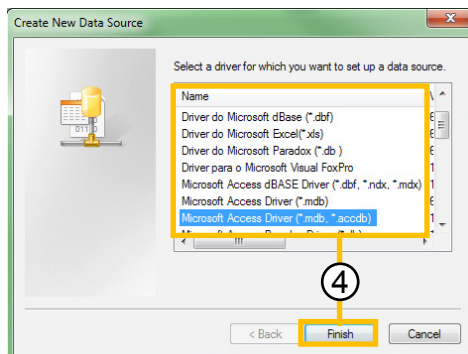
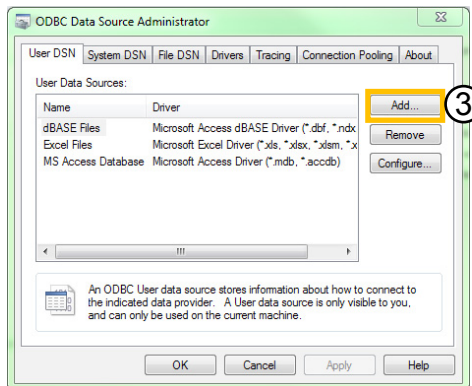


Tip

If the database is stored on a network, click the [Network...] button to set the path to the database.

① **Administrative Tools**

② **Data Sources (ODBC)**



① From the desktop, click [Start] > [Control Panel] and double click the [Administrative Tools] icon. If the icon is not visible, select [Switch to Classic View].

② Double click the [Data Sources (ODBC)] icon.

③ In the ODBC Data Source Administrator window, go to [User DSN] > [Add...].

④ In the Create New Data Source window, select the appropriate driver for the database. Click [Finish].

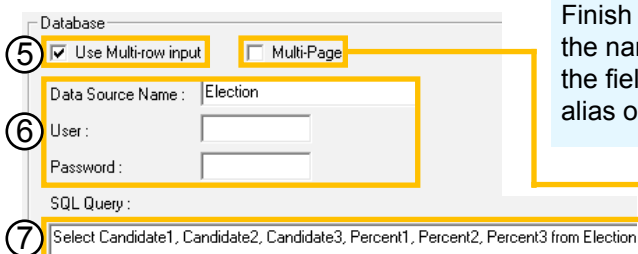
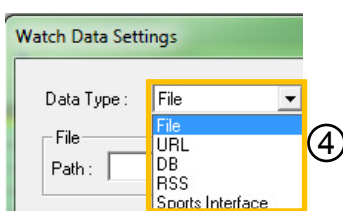
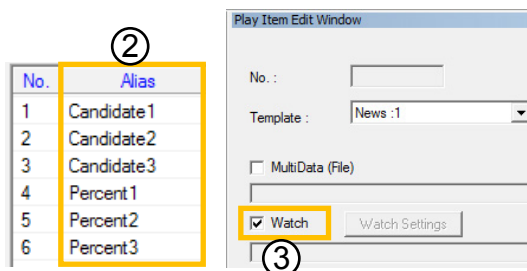
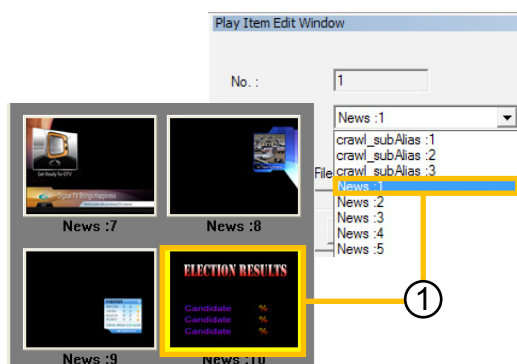
⑤ In the new setup window that appears, enter the name in the Data Source Name field and a description in the Description field if desired. Click [Create...].

⑥ In the New Database window, enter the name in the Database Name field. In the Directory tree, select C:\Users\UserName\Documents\Compix\AutoCast\Data. Make appropriate selection in the [Format] and [Options] sections. When done, click [OK].

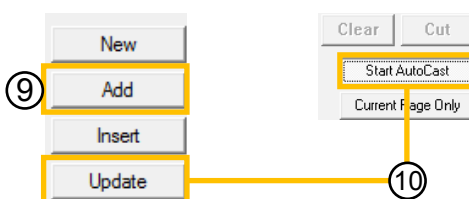
⑦ A message appears announcing the database has been created successfully. Click [OK] then click [OK] again to exit the ODBC Source Administrator window.

Watch Function

Create one or more pages from a single database. Even after pages are added to the PlayList, they may be updated when changes are saved to the original database.



No.	Alias	Data
1	Candidate1	John Dow
1	Candidate2	David Smith
1	Candidate3	Steve Hills
1	Percent1	12%
1	Percent2	22%
1	Percent3	32%



① Select a template by clicking on the thumbnail in the Template List or selecting it with the Template dropdown in the Play Item Edit Window.

② Once selected, the table in the Play Item Edit Window populates with a list of all alias objects available.

③ Check the [Watch] box.

④ In the new window that opens, choose [DB] from the Data Type dropdown menu.

⑤ Check [Use Multi-row Input] to populate multiple fields from the database in one template.

⑥ Enter the name of the database in Data Source Name. If the database includes a user name and password, enter these in the appropriate fields.

⑦ In the SQL Query field, enter "Select" followed by the field names separated by a comma (.). Finish the query with "from" and the name of the database. Enter the field names in the order the alias objects are listed.



Tip

Check [Multi-Page] to create multiple pages from one database. Be sure the alias names begin with a number for Multi-Page to work properly

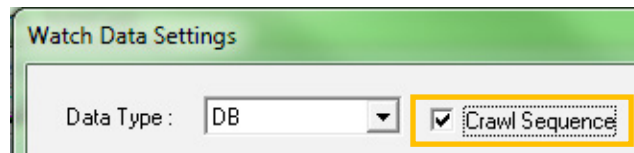
⑧ When done, click [OK]. The information from the file will populate the [Data] column in the table.

⑨ Click the [Add] button to add the page to the PlayList.

⑩ Any changes to the database file will be reflected in the populated template when clicking [Update] or while the page is on air using [Start AutoCast].

Crawls

Crawl pages can be created using the Watch function. To use this functionality, follow the steps from the previous Watch Function sub-section. During step ④, be sure to also check the [Crawl Sequence] box. Follow the rest of the steps accordingly.

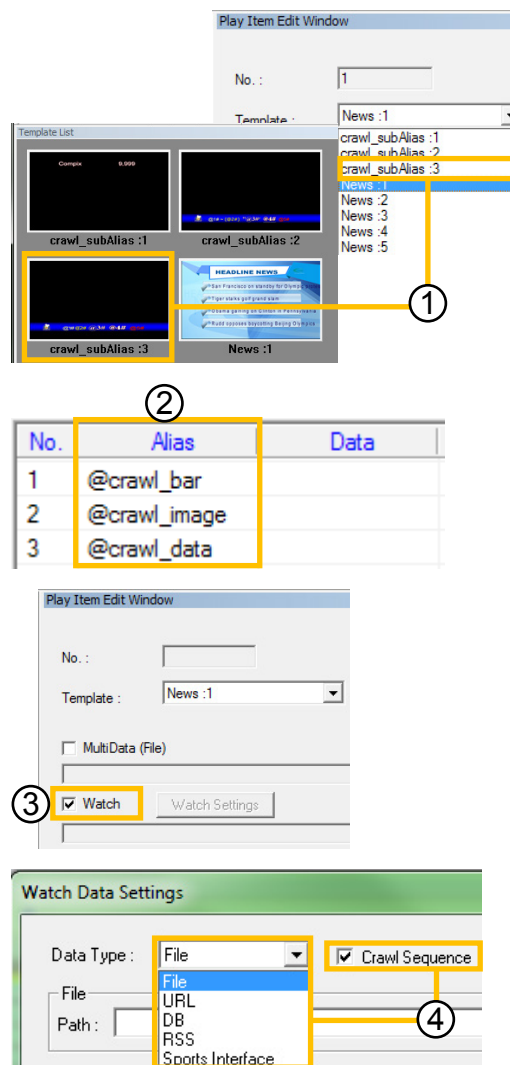


RSS

In addition to text (*.txt), Microsoft Excel files, XML files, Web sites, and Databases, RSS feeds can be used to fulfill templates in AutoCast. RSS feeds can be used only with the Watch function to create crawl pages.

Crawls

Crawl pages can be created using the Watch function. To use this functionality, follow these steps.



① Select a crawl template by clicking on the thumbnail in the Template List or selecting it with the Template dropdown in the Play Item Edit Window.

② Once selected, the table in the Play Item Edit Window populates with a list of all alias objects available.

③ Check the [Watch] box.

④ In the new window that opens, choose [RSS] from the Data Type dropdown menu and check the [Crawl Sequence] box.

⑤ Copy the Web address of the RSS feed and paste it into the Feed Source field in AutoCast. Click the [Add] button to add the RSS feed to the list of saved feeds. Double click on the desired feed in the [My Feed] section. Data from the RSS feed displays in the table to the right.

⑥ To assign data, click the cell next to the alias object then click the column number with the desired data.

The screenshot illustrates the process of importing data into the Compix Media AutoCast system. It includes several numbered steps (5-9) and a light blue callout box with instructions.

Step 5: In the 'Feed' section, the 'Feed Source' is set to 'CNN.com'. The 'Add' button is highlighted.

Step 6: A table mapping 'Alias' to 'Field' is shown. The 'Alias' is '@Crawl_data' and the 'Field' is 'Title'. To the right, a table shows the resulting data:

Title	Description
Sources i...	The suspect in
Bin Lade...	Peter Bergen s

Step 7: A table with columns 'No.', 'Alias', and 'Data' is shown. The 'Data' column contains the following text:

No.	Alias	Data
1	line 1	Sources identify sus
2		'Kony 2012' director
3		Band yells racist cha
4		Clooney arrested at

Step 8: In the 'New' section, the 'Add' button is highlighted.

Step 9: In the 'Update' section, the 'Update' button is highlighted. A callout box explains that any changes to the database file will be reflected in the populated template when clicking [Update] or while the page is on air using [Start AutoCast].

Callout Box:

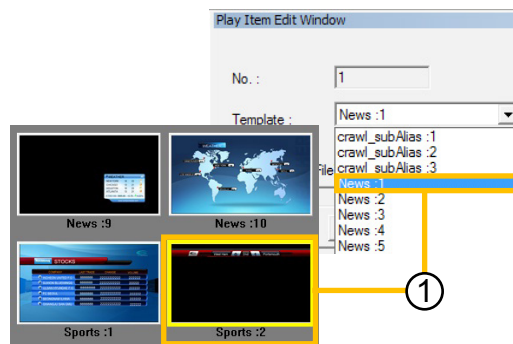
- ⑦ When done, click [OK]. The information from the file will populate the [Data] column in the table.
- ⑧ Click the [Add] button to add the page to the PlayList.
- ⑨ Any changes to the database file will be reflected in the populated template when clicking [Update] or while the page is on air using [Start AutoCast].

Sports Interface

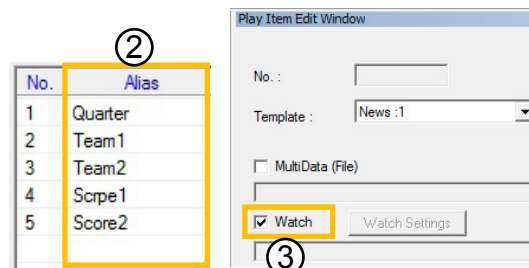
In addition to text (*.txt), Microsoft Excel files, XML files, Web sites, Databases, and RSS, sports scoreboards can be integrated with AutoCast to fulfill templates. Sports scoreboards can be used only with the Watch function to create still pages.

Watch Function

Create one page from a scoreboard controller. Even after a page is added to the PlayList, it may be instantly updated when changes are made from the scoreboard controller.



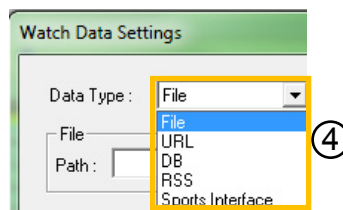
① Select a template by clicking on the thumbnail in the Template List or selecting it with the Template dropdown in the Play Item Edit Window.



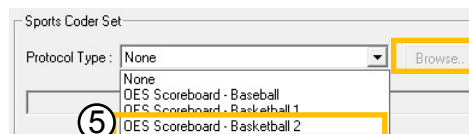
② Once selected, the table in the Play Item Edit Window populates with a list of all alias objects available.

③ Check the [Watch] box.

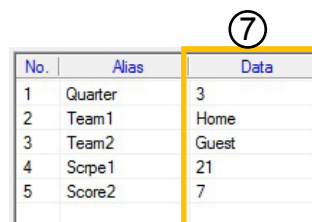
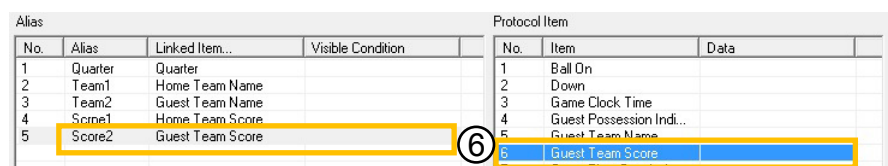
④ In the new window that opens, choose [Sports Interface] from the Data Type dropdown menu.



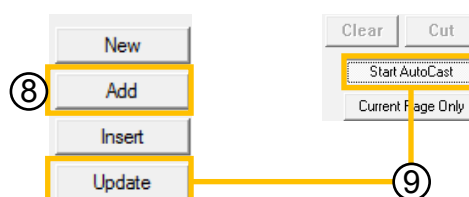
⑤ Select the correct controller and sport from the Protocol Type dropdown menu. If there is a custom protocol file, click [Browse] to select the file.



⑥ To assign data, click the cell next to the alias object then double click the protocol item with the desired data.



⑦ When done, click [OK]. The information from the controller will populate the [Data] column in the table.



⑧ Click the [Add] button to add the page to the PlayList.

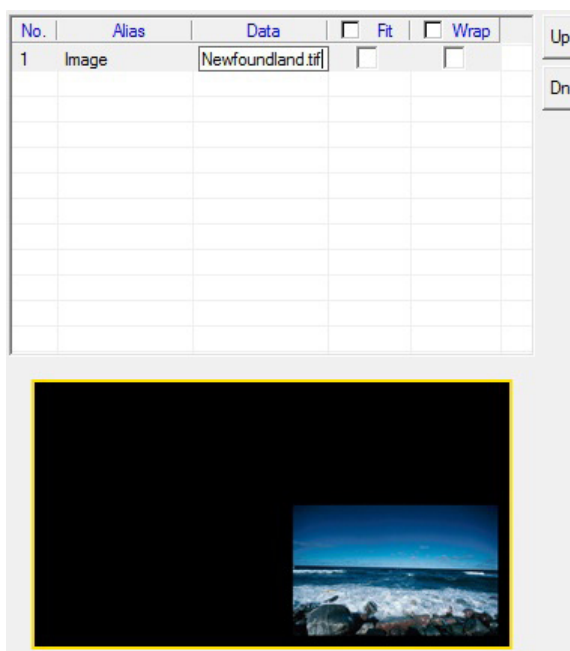
⑨ Any changes to the database will be reflected in the populated template when clicking [Update] or while the page is on air using [Start AutoCast].

Image and Animation Objects

Images and animations can be updated through AutoCast. The template must have an image or animation object with an alias name and the replacing object must be in the C:\Users\UserName\Documents\Compix\AutoCast\Images or \Animations folder in order for the object to be properly replaced.

Update Manually

To update an object manually, double click the empty [Data] cell next to the corresponding alias in the Play Item Edit Window and type in the object name with the extension.

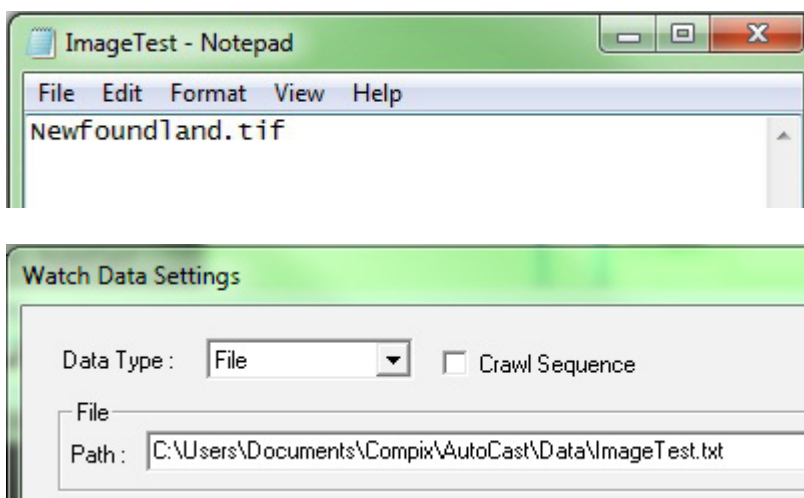


Tip

Only images will automatically fit to the size of the original image in the template.

Update Using Text Files

Text files use the Watch function to update objects automatically. In the text file, type in the image name with the extension. Then, in the Watch Data Settings window, be sure to select [File] under Data Type and the correct document. Click [OK] and the object appears in the template.



Update Using Microsoft Excel Files

Updating objects in Excel files is as easy as using a text file. Be sure to have the name of the alias in the first row, then the name of the object with the extension in the next row.

	A	B	C
1	Image		
2	Newfoundland.tif		

Update Using XML

To the right is an example of an XML document that will be used to update an image object. AutoCast will search for "Newfoundland.tif" in its Images folder and replace the aliased image object in the template. This method also applies to animations.

```
<?xml version="1.0"?>
- <test>
  - <ImageTest>
    - <List type="tiff">
      <Image>Newfoundland.tif</Image>
    </List>
  </ImageTest>
</test>
```

Update Using Databases

To update an object using a database, type in the command making sure to use the correct field name(s) in the order the alias objects are listed.

Update Using Sports Interface

Some controllers have the ability to store and load images such as possession indicators, logos, and player photos. Be sure to link those protocol items with the proper aliased object in order for it to be updated in the template.

Alias				Protocol Item		
No.	Alias	Linked Item...	Visible Condition	No.	Item	Data
1	Quarter	Quarter		1	Ball On	
2	Team1	Home Team Name		2	Down	
3	Team2	Guest Team Name		3	Game Clock Time	
4	Score1	Home Team Score		4	Guest Possession Indicator	
5	Score2	Guest Team Score		5	Guest Team Name	
6	Logo1	Home Possession Indicator	*	6	Guest Team Score	
				7	Guest Time Outs Left	
				8	Home Possession Indicator	
				9	Home Team Name	
				10	Home Team Score	
				11	Home Time Outs Left	
				12	Play Clock Time	
				13	Quarter	
				14	To Go	

Shortcut List

►File

New	Ctrl + N	Open	Ctrl + O
Save	Ctrl + S		

►Edit

Undo	Alt + Z	Cut	Ctrl + X
Copy	Ctrl + C	Paste	Ctrl + V
Create/Edit Template	Ctrl + T		

►Play

Numpad

/	Skip a Page	*	Pause
-	Decrease Crawl Speed	+	Increase Crawl Speed
Enter	Load/Play	. (Del)	Clear
0 (Insert)	Cut In	0-9	Page Number Input